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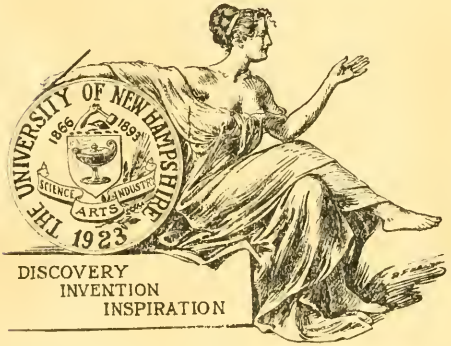

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INSPECTION OF COMMERCIAL FEEDING STUFFS

Made for the

STATE DEPARTMENT OF AGRICULTURE

The inspection of commercial feeding-stuffs reported in this bulletin was made under the direction of the Honorable Andrew L. Felker, Commissioner of Agriculture. Mr. E. D. Sanborn, State Inspector, collected samples of 360 brands of feeding-stuffs which were offered for sale in the State between December 1926 and April 1927.

THE LAW.

The New Hampshire law entitled an Act to Regulate the Sale of Concentrated Commercial Feeding-Stuffs requires every manufacturer or dealer who shall sell or offer for sale any concentrated commercial feeding-stuff to furnish with each package a clearly printed statement certifying the number of net pounds in the package, the brand name under which the feed is sold, the name and address of the manufacturer, the ingredients of which the feed is composed, and a chemical analysis stating the minimum percentages only of protein, fat and carbohydrates, and the maximum percentage only of crude fiber. The purposes of the law are primarily to protect the consumer against the dishonest or careless manufacturer and to enable him to buy more economically the feeds best suited to his needs. The law aims to prevent misbranding, aduleration and other fraudulent practices. It requires that full information be available to the purchaser both as to the guaranteed analysis of the feed and the materials of which it is composed. The consumer's co-operation in refusing to buy any feed which does not conform to the law in every respect will not only help in the enforcement of the law but will at the same time afford himself its protection. The state official charged with the enforcement of the feeding-stuffs law is the Commissioner of Agriculture.

DEFINITIONS OF FEEDS

The Association of Feed Control Officials of the United States has adopted definitions and standards for the various materials offered for sale as commercial feeds. These definitions and standards were published in full in the 1924 feeding-stuffs bulletin, copies of which are still available. Since the publication of the 1924 bulletin the Association has made the following additions and changes.

ANIMAL PRODUCTS

Cracklings are the residue after partially extracting the fats and oils from the animal tissues. If they bear a name descriptive of their kind, composition or origin, they must correspond thereto.

Digestive Tankage is the residue from animal tissues, exclusive of hoof and horn, specially prepared for feeding purposes by tanking under live steam, drying under high heat, and suitable grinding, and contains less than 10 per cent phosphoric acid (P_2O_5)

CORN PRODUCTS

Corn Oil Cake consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet milling process of manufacture of corn starch, corn syrup and other corn products.

Corn Oil Meal is ground corn oil cake.

Corn Germ Cake consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products.

COTTONSEED PRODUCTS.

Cottonseed Meal is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as

is necessary in the manufacture of oil, provided that nothing shall be recognized as cottonseed meal that does not conform to the foregoing definition and that does not contain at least 36% of protein. Cottonseed meal shall be graded and classed as follows:

1. *Cottonseed Meal*, Prime Quality. Cottonseed meal, prime quality, must be finely ground, not necessarily bolted, of sweet odor, reasonably bright in color, yellowish, not brown or reddish, free from excessive lint, and shall contain not less than 36% of protein. It shall be designated and sold according to its protein content. Cottonseed meal with 36% of protein shall be termed "36% Protein Cottonseed Meal, Prime Quality," and higher grades similarly designated (as "43% Protein Cottonseed Meal, Prime Quality"), etc.

2. *Cottonseed Meal*, Off Quality. Cottonseed meal not fulfilling the above requirements as to color, odor and texture shall be graded "36% Protein Cottonseed Meal, Off Quality," and higher grades similarly designated.

RYE PRODUCTS.

Rye bran is the coarse outer covering of the rye kernel as separated from the cleaned and scoured rye.

Rye feed, a by-product obtained in the usual process of the milling of rye flour from cleaned and scoured rye grain consists principally of the mill run of the outer covering of the rye grain and the germ with small quantities of flour and aleurone.

Rye red dog, a by-product obtained in the usual process of the milling of rye flour, consists principally of aleurone with small quantities of flour and fine bran particles and shall not contain more than 3.5% of fiber.

Rye low grade feed flour consists principally of dark rye flour and small quantities of aleurone and fine bran particles and shall not contain more than 1.5% crude fiber.

Rye middlings consists of the rye feed and rye red dog combined in the proportions obtained in the usual process of milling rye flour.

Rye Flour Middlings consists of the rye feed, rye red dog and pure dark rye flour combined in the proportions obtained in the milling of rye flour and shall not contain more than 5% crude fiber.

WHEAT PRODUCTS

Wheat Bran is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling.

Hard Spring Wheat Products

Standard Millings consist mostly of fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill". This product must be obtained in the usual commercial process of milling and shall not contain more than 9.5 per cent crude fiber.

Flour Middlings shall consist of standard middlings and red dog flour combined in the proportions obtained in the usual process of milling and shall not contain more than 6.0 per cent crude fiber.

Wheat Red Dog, a by-product obtained in the usual commercial process of flour milling, consists principally of aleurone with small quantities of flour and fine bran particles and shall not contain more than 4.0% crude fiber.

Wheat Low Grade Feed Flour, a by-product obtained in the usual commercial process of flour milling, consists principally of flour with small quantities of aleurone and fine bran particles and shall not contain more than 1.5% crude fiber.

Wheat Bran and Standard Middlings consists of the two commodities as defined above, mixed in the proportions obtained in the usual process of commercial milling.

Wheat Mixed Feed (Mill Run Wheat feed) consists of pure wheat bran and flour middlings combined in the proportions obtained in the usual process of commercial milling. This product shall not contain more han 9.5 per cent crude fiber.

Winter Wheat Products

Brown Shorts (Red Shorts) consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and shall not contain more than 7.5% crude fiber.

Gray Shorts (Gray Middlings or Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal of fibrous materials obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling and shall not contain more than 6.0% crude fiber.

White Shorts or White Middlings consists of a small portion of the fine bran particles and the germ and a large portion of the fibrous offal obtained from the "tail of the mill". This product must be obtained in the usual process of flour-milling and shall not contain more than 3.5% crude fiber.

Wheat Mixed Feed (Mill Run Wheat feed) consists of pure wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. This product shall not contain more than 8.5% crude fiber.

Screenings consists of the smaller imperfect grains, weed seeds and other foreign materials, having feeding value, separated in cleaning the grain.

Scourings consists of such portions of the cuticule, brush, white caps, dust, smut and other materials as are separated from the grain in the usual commericial process of scouring.

(*Note*) If to any of the wheat or rye by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word "Screenings" or "Scourings" as the case may be, shall appear as a part of the name or brand and shall be printed in the

same size and face of type as the remanider of the brand name. When the word "Screenings" appears it is not necessary to show also on the labeling the word "Scourings."

MISCELLANEOUS PRODUCTS

Dried Buttermilk Feed, is the product resulting from the removal of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added, excepting such as are neccessary and permitted in the manufacture of butter. It contains, all tolerances being allowed for, not more than eight per cent. (8.0%) of moisture and not more than thirteen per cent. (13.0%) of mineral matter (Ash).

Evaporated Buttermilk feed, Concentrated Buttermilk feed, Condensed Buttermilk feed, is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains, all tolerances being allowed for, not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than 14 \100 per cent of ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name provided it is followed by one of the names given.

Ivory Nut Meal is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut.

Processed Garbage is composed of garbage collected sufficiently often so that harmful decomposition has not set in; screened, dried and separated from metal, crockery, glass and similar material. Its odor must not be suggestive of pronounced decomposition and it must contain less than 1% of glass in fine pieces, none of which shows knife-like or needle-like particles. Provided further that the maximum percentage of glass be stated on the label.

Yeast or Vinegar Dried Grains are the properly dried residue from the mixture of cereals, malt and malt sprouts, (some-

times cottonseed meal) obtained in the manufacture of yeast or vinegar, and consists of corn or corn and rye from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and serve as a source of food supply for the yeast.

CLASSIFICATION

In classifying the feeding-stuffs here reported the class names under which they were sold to the consumer have been used. Table 1 shows the number in each class, the average price per 100 pounds, the average per cent of protein, the number of pounds of protein per $1.00, the number deficient by one-half per cent protein, the average per cent of fat, the number of pounds of fat per $1.00 and the number deficient by one-fourth per cent fat.

TABLE I.

Class	Number in class	Average price per 100 pounds	Average per cent protein	Pounds of protein per $1.00	Number deficient ½ per cent protein	Average per cent fat	Pounds of fat per $1.00	Number deficient ¼ per cent fat
Alfalfa Meal	1	2.30	12.84	5.58	0	1.44	0.63	0
Alfalfa Leaf Meal	2	2.88	20.69	7.18	1	2.84	0.99	0
Beet Pulp	3	2.13	8.97	4.21	0	0.69	0.32	0
Brewers' Dried Grains	2	2.35	19.93	8.48	2	6.04	2.57	1
Buttermilk	2	12.00	32.28	2.69	1	4.96	0.41	1
Calf Meal	5	5.26	23.40	4.45	2	4.18	0.79	2
Compounded Feed	25	2.03	9.73	4.79	3	4.16	2.05	4
Corn Meal	1	2.10	9.31	4.43	0	4.91	2.34	0
Corn and Oat Feed	1	1.95	10.37	5.32	0	4.02	2.06	0
36% Cottonseed Meal	9	2.01	36.08	17.95	2	5.94	2.96	1
41% Cottonseed Meal	6	2.13	41.30	19.39	2	7.36	3.46	0
43% Cottonseed Meal	8	2.31	42.52	18.40	5	6.71	2.90	0
Dairy Feed	69	2.36	22.09	9.36	9	4.92	2.08	15
Distillers' Dried Grains	1	2.85	25.66	9.00	1	8.30	2.91	0
Gluten Feed	6	2.19	24.45	11.16	0	3.15	1.44	0
Gluten Meal	2	2.74	40.53	14.79	1	2.57	0.94	0
Hog Feed	3	2.82	17.70	6.28	1	5.17	1.83	0
Hominy Feed	10	2.11	10.42	4.94	1	6.01	2.85	3
Horse Feed	8	2.44	10.00	4.10	2	3.60	1.48	2

Linseed Meal	9	2.78	33.03	11.88	3	6.24	2.24	1
Meat and Bone Scrap	25	4.03	47.79	11.86	8	11.19	2.78	5
Oat Products	3	3.78	12.24	3.24	0	5.24	1.39	0
Poultry Feed	47	3.24	18.82	5.81	5	5.33	1.65	4
Skim Milk Powder	1	11.00	33.44	3.04	1	0.29	0.03	1
Wheat Bran	48	2.00	15.61	7.81	4	4.70	2.35	3
Wheat Middlings	26	2.23	16.21	7.27	3	4.79	2.15	4
Wheat Mixed Feed	28	2.19	15.93	7.27	2	4.46	2.04	1
Wheat Red Dog Flour	4	2.55	17.31	6.79	0	4.39	1.72	1
Wheat Shorts	5	2.05	17.87	8.72	0	5.87	2.86	0
Total	360				59			49

NUMBER OF SAMPLES FAILING TO COMPLY WITH THE LAW.

Of the 360 brands analyzed only 135 complied with the law in every respect. The 225 which did not fully comply with the law violated it on 295 counts. Eighty-nine brands or 24.7 per cent were deficient in protein, 59 of these or 16.4 per cent were deficient one-half per cent or more. Seventy brands or 19.4 per cent were deficient in fat, 49 of these or 13.6 per cent were deficient one-fourth per cent or more. Twenty-one brands contained an excessive amount of crude fiber. Sixth-three brands were deficient in carbohydrates. Fifty-two brands were offered for sale without the carbohydrate guarantee. On four brands the sliding scale guarantee was used. The use of the double guarantee does not meet the requirements of the law and in the following pages only the maximum guarantee is published. In the tabulation of the analytical data deficiencies of one-half per cent or more of protein and of one-fourth per cent or more of fat are shown in italics:

G. P. Percival and A. W. Petre assisted in making the protein determinations. F. S. Schlenker and W. A. Westgate assisted in making the ash determinations.

REQUESTS FOR ANALYSIS OF FEEDING-STUFFS BY CONSUMERS

The Department is frequently asked to make an analysis of feeding-stuffs for individuals. This service is gladly rendered when the circumstances warrant it. Such samples should be drawn from at least five bags, preferably ten, in a manner to insure that the small lot sent for analysis is accurately representative of the large lot from which it is taken. A one-pound sample is sufficient for the analysis. It should be sent in a glass jar or tin box to prevent the loss of fine particles and a change in the moisture content. In order that the Department may know whether or not the manufacturer and the dealer are complying with all the requirements of the law, we request the following information be submitted concerning each sample:

Brand .....

Manufacturer .....

Address .....

Guarantee:

Protein .....

Fat .....

Carbohydrates .....

Crude Fiber .....

Ingredients .....

Dealer .....

Address .....

Number of bags in lot .....

Number of bags sampled .....

Price per 100 pounds .....

Your name .....

Address .....

Your reason for requesting analysis .....

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
ALFALFA MEAL								
Triple XXX Alfalfa Meal	G.	12.00	1.00	----	----	----	35.00	Alfalfa.
Denver Alfalfa Milling and Products Co. Lamar, Col.	F.	12.84	1.44	71.23	7.54	6.95	----	
ALFALFA LEAF MEAL								
Alfalfa Leaf Meal	G.	20.00	2.50	----	----	----	18.00	
Denver Alfalfa Milling and Products Co. Lamar, Col.	F.	20.62	3.13	56.92	10.84	8.49	17.86	
Leaf Alfalfa Meal	G.	22.00	2.50	40.00	----	----	18.00	
Lamar Alfalfa Milling Co. Lamar, Col.	F.	*20.76*	2.54	53.53	13.99	9.18	17.13	
BEET PULP								
Dried Beet Pulp	G.	8.00	0.50	74.00	----	----	22.00	
Larrowe Milling Co. Detroit, Mich.	F.	9.37	0.53	79.09	3.73	7.28	----	
Dried Beet Pulp	G.	8.00	0.50	----	----	----	22.00	
Michigan Sugar Company Saginaw, Mich.	F.	8.81	0.84	76.30	3.25	10.80	----	
Dried Beet Pulp	G.	8.00	0.50	58.00	----	----	20.00	
Purina Mills, Ralston Purina Co., Inc. St. Louis, Mo.	F.	8.74	0.69	76.58	3.83	10.16	----	
BREWERS' DRIED GRAINS								
Brewers' Dried Grains	G.	20.00	5.00	----	----	----	19.00	
Badger Grains and Feed Co. Milwaukee, Wis.	F.	*18.89*	6.43	62.87	3.66	8.10	----	

Brewers' Dried Grains	G.	23.00	6.00	50.00			13.50	
St. Albans Grain Co.	F.	*20.97*	*5.59*	60.25	3.39	9.80		
St. Albans, Vt.								
BUTTERMILK								
Pure Dried Buttermilk, Collis Process	G.	30.00	5.00					
Collis Products Co.	F.	30.85	7.83	39.14	11.14	11.04		
Clinton, Iowa								
Pure Dried Buttermilk	G.	36.00	7.00					
Park and Pollard Co.	F.	*37.71*	*2.09*	46.94	8.69	8.57		
Boston, Mass.								
CALF MEAL								
Beacon Calf Meal	G.	25.00	3.00				6.00	Powdered skim milk, blood meal, wheat red
Beacon Milling Co., Inc.	F.	24.70	3.70	55.88	5.07	10.65	3.45	dog, old process linseed meal, hominy feed,
Cayuga, N. Y.								oat groats, barley, 1% calcium phosphate.
Blatchford's Calf Meal	G.	24.00	5.00	53.00			6.75	Locust bean meal, unpressed flaxseed, blood
Blatchford Calf Meal Co.,	F.	24.11	5.76	52.22	7.95	9.96	5.11	flour, rice polish, old process linseed meal,
Waukegan, Ill.								dried milk albumen, barley meal, beans, cocoa,
								calcium phosphate, bone meal, wheat flour,
								cocoanut oil meal, cottonseed meal, fenugreek,
								anise, salt.
Elmore Calf Meal	G.	24.00	4.00				4.00	Red dog wheat flour, corn meal or corn feed
Elmore Milling Co., Inc.	F.	*23.12*	*3.35*	56.85	4.57	12.11	3.24	meal, oat meal, old process oil meal, barley,
Oneonta, N. Y.								blood meal, dried buttermilk, bone meal, salt.
Purina Calf Chow Feed	G.	27.00	3.20	55.00			4.50	Blood flour, linseed meal, hominy feed, yellow
Ralston Purina Co., Inc.	F.	*25.87*	4.41	54.23	4.53	10.96	3.29	corn feed meal, wheat flour, 1% bone phos-
St. Louis, Mo.								phate of lime, 1% salt.
Ryde's Cream Calf Meal	G.	18.50	4.00	62.00			4.00	Skim milk, blood meal, locust bean meal,
Ryde and Co.	F.	19.18	*3.70*	61.67	5.41	10.04	3.56	barley malt flour, milk albumen, linseed oil
Chicago, Ill.								meal, cocoanut oil meal, oat groats, corn
								meal, flaxseed meal, wheat flour, bone meal,
								calcium carbonate, salt.

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
COMPOUNDED FEED								
Pennant Brand Stock Feed	G.	9.50	5.50	70.00			9.50	White hominy, oat by products, oat middlings,
E. W. Bailey and Co.	F.	10.09	5.12	70.69	3.86	10.24	9.47	oat hulls, oat shorts, linseed oil meal, barley.
Swanton, Vt.								
Belknap Stock Feed	G.	9.00	5.00	60.00			10.00	Hominy, wheat red dog, oat by-products, oat
Belknap County Farmers' Exchange	F.	9.85	5.36	71.51	3.37	9.91	8.68	middlings, oat shorts, oat hulls, ½ % salt.
Laconia, N. H.								
Centaur Feed	G.	12.00	4.00				8.00	Linseed oil meal, hominy feed, corn meal,
Chapin and Co.	F.	12.96	5.30	65.07	6.00	10.67	8.00	oats, wheat bran, bone, charcoal, salt.
Hammond, Ind.								
Climax Stock Feed	G.	8.75	3.50	45.00			11.00	Corn, bran, barley, oat feed.
E. A. Cowee Co.	F.	8.37	3.12	71.17	4.31	13.03	9.94	
Fitchburg, Mass.								
Cowees Stock Feed	G.	9.00	4.00	45.00			11.00	Oats, hominy meal, corn, barley, oat meal by-
E. A. Cowee Co.	F.	9.15	4.42	71.00	5.15	10.28	10.01	products, oat middlings, oat shorts, oat hulls,
Fitchburg, Mass.								salt, calcium carbonate.
J. C. Stock Feed	G.	8.00	4.00	60.00			15.00	Oats, corn feed meal, oat feed.
J. Cushing Co.,	F.	9.28	4.00	72.80	3.29	10.63	11.05	
Fitchburg, Mass.								
Quality Stock Feed	G.	10.00	3.00	50.00			10.00	Corn feed meal, hominy feed, oats, wheat
J. Cushing Co.	F.	9.02	3.48	73.48	3.33	10.69	9.93	middlings, oat meal mill by-products, oat
Fitchburg, Mass.								middlings, oat hulls, oat shorts, ½ % salt.
Vigor Sugared Stock Feed	G.	10.00	3.25	50.00			11.00	Corn feed meal, wheat middlings, hominy feed,
J. Cushing Co.	F.	11.46	3.48	70.69	4.89	9.48	14.24	cottonseed meal, oats, molasses, oat meal mill
Fitchburg, Mass.								by-products, oat middlings, oat hulls, oat shorts, ½ % salt.

Eastern's Big Value Stock	G.	10.00	6.00				10.00	Corn feed meal, oats, wheat middlings, oat feed.
Eastern Grain Co.	F.	*8.19*	*2.52*	72.09	3.32	13.38	9.45	½ % salt.
Portland, Me.								
Eastern's White Stock Feed	G.	10.00	3.00	50.00			10.00	Corn feed meal, hominy feed, oats, wheat
Eastern Grain Co.	F.	*9.23*	*4.18*	72.94	3.79	9.86	10.15	middlings, oat meal mill by-products, oat mid-
Portland, Me.								dlings, oat hulls, oat shorts, ½ % salt.
Eshelman's Sugared Stock Feed	G.	10.00	3.25	50.00			11.00	Corn feed meal, wheat middlings, hominy feed,
John W. Eshelman and Sons	F.	*11.08*	*3.96*	69.53	5.25	10.18	14.28	cottonseed meal, oats, molasses, oat meal mill
Lancaster, Pa.								by-products, oat middlings, oat hulls, oat shorts, ½ % salt.
Grandin's Stock Feed	G.	9.00	5.00	55.00			12.00	Corn meal, corn feed meal, hominy feed, wheat
D. H. Grandin Milling Co.	F.	*9.17*	*5.24*	70.93	3.31	11.35	8.38	middlings, barley, oat meal mill by-products,
Jamestown, N. Y.								oat middlings, oat hulls, oat shorts, ½ % salt, wheat middlings may contain ground screenings not exceeding mill run.
Granite State Stock Feed	G.	9.00	5.00	60.00			10.00	Hominy, wheat red dog, oat by-products, oat
E. C. and W. L. Hopkins	F.	*9.62*	*5.26*	71.70	3.48	9.94	8.62	middlings, oat hulls, oat shorts, ½ % salt.
Greenfield, N. H.								
Our Special Stock Feed	G.	7.50	3.00				13.50	Corn or hominy meal, oat meal mill by-
E. C. and W. L. Hopkins	F.	*7.53*	*2.77*	73.75	3.43	12.52	11.41	products, oat middlings, oat shorts, oat hulls,
Greenfield, N. H.								½ % salt.
Stock Feed	G.	9.00	3.00	60.00			12.00	Corn, hominy, feed, linseed oil meal, barley,
McQuesten and Lewis	F.	*11.29*	*4.15*	68.29	3.16		7.17	low grade wheat flour, wheat bran, wheat
Manchester, N. H.								middlings, screenings not exceeding mill run, gluten meal, oat hulls, ¾ % salt.
Merrimack Special Stock Feed	G.	8.00	3.00	55.00			14.00	Corn meal, oats, oat meal mill by-products, oat
Merrimack Farmers' Exchange, Inc.	F.	*7.93*	*3.11*	73.17	5.20	10.59	10.69	middlings, oat shorts, oat hulls, ½ % salt.
Concord, N. H.								
Merrimack Stock Feed	G.	9.00	4.00	55.00			11.00	White hominy, oats, oat meal mill by-products,
Merrimack Farmers' Exchange, Inc.	F.	*9.39*	*4.93*	70.03	6.17	9.48	9.57	oat middlings, oat shorts, oat hulls, ½ % salt.
Concord, N. H.								
Money Maker	G.	10.00	5.00	50.00			12.00	Clipped oat by-product, molasses, grain screen-
Park and Pollard Co.	F.	*10.83*	*5.99*	60.57	10.69	11.92	12.53	ings, cocoa shell meal, calcium carbonate, salt.
Boston, Mass.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	ure Moist-	Fiber Crude	
Richford White Diamond Stock Feed	G.	8.00	3.00	60.00	----	----	14.00	Corn, hominy feed, barley feed, oat meal mill by-products, oat middlings, oat hulls, oat shorts, ¾ % salt.
Quaker Oats Co.	F.	9.52	3.75	70.10	5.99	10.64	12.63	
Chicago, Ill.								
Sugared Schumacher Feed	G.	10.00	3.25	70.00	----	----	12.00	Corn, hominy feed, barley meal, cottonseed meal, old process linseed meal, low grade wheat flour, wheat middlings, screenings not exceeding mill run, oat meal by-products, oat middlings, oat shorts, oat hulls, ¾ % salt, 1% calcium carbonate, 1% bone meal, molasses.
Quaker Oats Co.	F.	9.73	3.35	70.01	6.24	10.67	10.87	
Chicago, Ill.								
Purina Bulky-Las Feed	G.	9.00	2.00	62.00	.	.	15.00	Wheat bran, beet pulp, alfalfa, cane molasses, grain screenings, salt.
Ralston Purina Co., Inc.	F.	10.31	1.46	67.60	6.92	13.68	13.03	
St. Louis, Mo.								
Purina O-Molene Feed	G.	9.70	3.20	67.00	. .	. .	9.00	Corn, oats, molasses, linseed meal, ground alfalfa, 1% salt.
Ralston Purina Co., Inc.	F.	10.01	4.13	68.32	3.68	13.86	6.56	
St. Louis, Mo.								
Charlestock Feed	G.	9.00	4.00	50.00	. .	. .	14.00	Oat feed, oat meal mill by-products, oat shorts, oat middlings, oat hulls, hominy or corn meal, linseed oil meal, salt.
St. Albans Grain Co.	F.	11.21	5.83	68.26	4.59	10.11	9.93	
St. Albans, Vt.								
Wirthmore Stock Feed	G.	9.00	4.00	70.00	.	.	9.50	Barley, oats, hominy meal, corn, oat meal mill by-products, oat middlings, oat shorts, oat hulls, dairy salt.
St. Albans Grain Co.	F.	10.05	5.21	70.99	4.31	9.44	7.42	
St. Albans, Vt.								
Stock Feed	G.	7.50	2.83	66.00	. .	. .	14.13	Oat feed, oat middlings, oat shorts, corn bran, cracked corn siftings, yellow corn meal.
Stratton and Co.,	F.	8.04	3.92	73.77	3.37	10.90	12.61	
Concord, N. H.								
CORN MEAL								
Pure Ground Corn	G.	8.00	3.00	65.00	. .	. .	4.00	
John W. Eshelman and Sons	F.	9.31	4.91	68.36	1.78	15.64	----	
Lancaster, Pa.								

CORN AND OAT FEED								
Best Quality Corn and Oats Provender	G.	10.00	4.00	65.00			7.50	
Caledonia Mills, Inc.	F.	10.37	4.02	67.57	2.36	15.68	5.84	
St. Johnsbury, Vt.								
36% COTTONSEED MEAL								
Atlas Standard Cottonseed Meal	G.	36.00	5.50	27.00			14.00	Upland cottonseed.
E. T. Allen Co.	F.	37.78	6.62	42.19	5.43	7.98		
Atlanta, Ga.								
Paramount Brand Good Cottonseed Meal	G.	36.00	5.50	27.00			14.00	
Ashcraft-Wilkinson Co.	F.	*33.30*	*5.02*	49.06	5.25	7.37		
Atlanta, Ga.								
Buckeye Good Cottonseed Meal	G.	36.00	5.00	30.00			14.00	
Buckeye Cotton Oil Co.	F.	37.15	6.06	44.03	6.31	6.45		
Cincinnati, O.								
Beauty Brand Cottonseed Feed	G.	36.00	6.00	44.00			14.00	
S. P. Davis	F.	36.07	6.32	43.28	5.49	8.84		
Little Rock, Ark.								
Danish Brand Cottonseed Feed	G.	36.00	5.00	25.00			15.00	Cottonseed meal, cottonseed hulls.
Humphreys-Godwin Co.	F.	*34.24*	5.58	47.41	4.89	7.88		
Memphis, Tenn.								
Good Cottonseed Meal	G.	36.00	5.00	28.50			14.00	
Marianna Sales Co.	F.	37.32	5.86	43.73	5.67	7.42		
Memphis, Tenn.								
Durham Thirty-Six Cottonseed Meal	G.	36.00	5.00	28.50			14.00	
Memphis Cottonseed Products Co.	F.	36.32	6.38	40.19	5.20	11.91		
Memphis, Tenn.								
Triangle Brand Cottonseed Meal	G.	36.00	5.00	28.50			14.00	
R. N. Neal and Co.	F.	36.60	6.14	43.31	5.79	8.16		
Memphis, Tenn.								
Standard Brand Cottonseed Feed	G.	36.00	5.00				12.00	Cottonseed meal, cottonseed hulls.
W. C. Northern Co.	F.	35.90	5.44	43.86				
Memphis, Tenn.					4.94	9.86		

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
41% COTTONSEED MEAL								
Empire High Grade Cottonseed Meal	G.	41.12	6.00	22.00	----	----	10.00	
E. T. Allen Co.	F.	42.38	6.86	36.56	6.78	7.42	----	
Atlanta, Ga.								
Helmet Brand Prime Cottonseed Meal	G.	41.00	6.00	26.00	----	----	10.00	
Ashcraft-Wilkinson Co.	F.	42.97	7.78	34.27	7.20	7.78	----	
Atlanta, Ga.								
Goodluck Cottonseed Meal	G.	41.00	6.00	39.00	----	----	10.00	
S. P. Davis	F.	*40.20*	6.56	38.65	6.58	8.01	----	
Little Rock, Ark.								
Dixie Brand Choice Prime Cottonseed Meal	G.	41.12	5.00	26.00	----	----	10.00	Pressed cottonseed.
Humphreys-Godwin Co.	F.	*39.87*	7.19	39.70	6.43	6.81	----	
Memphis, Tenn.								
Prime Cottonseed Meal	G.	41.00	6.00	26.00	----	----	10.00	
Marianna Sales Co.	F.	41.20	8.13	34.90	6.74	9.03	----	
Memphis, Tenn.								
Bee Brand Cottonseed Meal	G.	41.00	6.00	----	----	----	12.00	
W. C. Northern Co.	F.	41.20	7.66	37.52	7.10	6.52	----	
Memphis, Tenn.								
43% COTTONSEED MEAL								
Monarch Brand Prime Cottonseed Meal	G.	43.00	6.00	25.00	----	----	10.00	
Ashcraft-Wilkinson Co.	F.	*41.34*	6.47	39.60	6.61	5.98	----	
Atlanta, Ga.								
Steer Boy Brand Cottonseed Meal	G.	43.00	6.00	37.00	----	----	10.00	
S. P. Davis	F.	*42.41*	7.83	34.83	6.84	8.09	----	
Little Rock, Ark.								

Bull Brand Cottonseed Meal	G.	43.00	5.00	26.00			10.00	Pressed cottonseed.
Humphreys-Godwin Co.	F.	43.61	5.88	37.32	6.41	6.78		
Memphis, Tenn.								
Zenith Brand 43% Cottonseed Meal	G.	43.00	5.00	30.00			14 00	
International Agricultural Corp.	F.	42.73	6.96	36.59	6.28	7.44		
Columbus, Ga.								
Lovit Brand 43% Cottonseed Meal	G.	43.00	6.00	36.00			10 00	
L. B. Lovitt and Co.	F.	44.25	7.01	35.97	6.61	6.16		
Memphis, Tenn.								
Prime Cottonseed Meal, White Mule Brand	G.	43.00	6.00	25.00			10.00	
Marianna Sales Co.	F.	42.18	6.29	36.60	5.57	9.36		
Memphis, Tenn.								
Durham Forty-Three Cottonseed Meal	G.	43.00	6.00	25.00			10.00	
Memphis Cottonseed Products Co.	F.	42.23	6.78	36.05	5.88	9.06		
Memphis, Tenn.								
Triangle Brand Cottonseed Meal	G.	43.00	6.00	25.00			10.00	
R. N. Neal and Co.	F.	41.43	6.48	37.04	6.64	8.41		
Memphis, Tenn.								
DAIRY FEED								
Bailey's Open Formula Dairy Feed	G.	20.00	4.50	48.00			9.00	Gluten feed, yellow hominy, old process oil
E. W. Bailey and Co.	F.	21.54	5.11	54.09	7.68	11.58	9.17	meal, oats, wheat bran, cottonseed meal, corn
Swanton, Vt.								distillers' grains, wheat middlings, cane molasses, bone meal, calcium carbonate, salt.
Bailey's Open Formula Dairy Feed	G.	24.00	4.50	44.00			9.00	Gluten feed, hominy feed, old process oil
E. W. Bailey and Co.	F.	28.26	6.48	47.17	7.80	10.29	9.30	meal, oats, wheat bran, cottonseed meal, corn
Swanton, Vt.								distillers' grains, wheat middlings, cane molasses, bone meal, calcium carbonate, salt.
Capital Dairy Ration	G.	24.00	5.00	55.00			9.00	Corn gluten feed, linseed oil meal, hominy
E. W. Bailey and Co.	F.	26.25	5.78	53.17	4.98	9.82	8.45	feed, cottonseed meal, oats, wheat bran, corn
Swanton, Vt.								meal, ½% salt.
Favorite Dairy Ration	G.	20.00	5.50	55.00			7.50	White hominy, cottonseed meal, corn gluten
E. W. Bailey and Co.	F.	21.83	4.44	57.95	5.35	10.43	7.43	feed, linseed meal, corn meal, oats, wheat
Swanton, Vt.								bran, wheat middlings.

Brand and name and address of manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Our Own Dairy Ration	G. 16.00	5.00	60.00	----	----	9.00	Corn gluten feed, linseed oil meal, hominy feed, cottonseed meal, oats, wheat bran, ½% salt.
E. W. Bailey and Co.	F. 16.37	5.16	63.47	4.59	10.41	8.12	
Swanton, Vt.							
Beacon Dairy Ration	G. 24.00	5.00	46.00	----	----	10.00	Cottonseed meal, old process linseed oil meal, corn gluten feed, cocoanut oil cake meal, barley, corn gluten meal, hominy feed, corn meal or corn feed meal, alfalfa meal, wheat bran, wheat middlings, 1% salt, calcium carbonate.
Beacon Milling Co., Inc.	F. 24.19	5.25	53.30	6.43	10.83	8.72	
Cayuga, N. Y.							
Belknap Dairy Feed	G. 20.00	5.00	55.00	----	----	12.00	Corn gluten feed, cottonseed meal, wheat bran, screenings, hominy, oat meal mill by-products, molasses, cocoa shell meal, brewers' grains, calcium carbonate, salt.
Belknap County Farmers' Exchange	F. 21.32	*4.42*	57.54	6.43	10.29	10.64	
Laconia, N. H.							
Cheshire County Farmers' Special Dairy Ration	G. 23.00	5.00	50.00	----	----	10.00	Cottonseed meal, wheat bran, oats, barley, gluten feed, hominy, oil meal, salt.
Caledonia Mills Inc.	F. 23.75	5.46	55.14	4.92	10.73	9.82	
St. Johnsbury, Vt.							
Unicorn Dairy Ration	G. 24.00	5.00	50.00	----	----	10.00	Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers' grains, corn oil meal, wheat bran, hominy meal, calcium carbonate, salt.
Chapin and Co.	F. 23.63	5.37	53.25	7.91	9.84	8.69	
Hammond, Ind.							
Chase Dairy Ration	G. 17.00	4.50	50.00	----	----	9.00	Cottonseed meal, corn meal, wheat bran, oats, gluten feed, linseed meal, 1% salt.
Cheshire County Farmers' Exchange	F. 17.73	4.51	50.25	4.53	13.98	6.97	
Keene, N. H.							
Coweco 1925 Ration	G. 24.00	4.50	45.00	----	----	10.00	Wheat bran, wheat middlings, oat middlings, corn meal, cottonseed meal, oat shorts, gluten feed, linseed meal, oat hulls, hominy, calcium carbonate, salt.
E. A. Cowee Co.	F. *23.49*	5.47	53.70	7.22	10.12	9.27	
Fitchburg, Mass.							
Coweco 1926 Ration	G. 21.00	4.00	45.00	----	----	10.00	Corn meal, oat middlings, hominy, oat shorts, cottonseed meal, oat hulls, wheat bran, calcium carbonate, salt.
E. A. Cowee Co.	F. *19.61*	5.08	59.15	5.63	10.53	10.95	
Fitchburg, Mass.							

Crosby's Ready Ration	G.	20.00	5.00	50.00	----	----	10.00	Corn gluten feed, linseed oil meal, cottonseed meal, corn meal, wheat bran, wheat middlings, not exceeding mill run screening, oats, ¾ % salt.
Crosby Milling Co.	F.	19.88	4.85	58.78	4.46	12.03	7.49	
Brattleboro, Vt.								
Champion Dairy Ration	G.	24.00	5.00	50.00	----	----	11.00	Bran, cottonseed meal, Buffalo gluten feed, diamond gluten meal, linseed oil meal, oats, corn meal or hominy, brewers' dried grains, distillers' grains, middlings, ¾ % salt, bone meal.
G. B. Currier Co., Inc.	F.	*22.86*	5.15	55.09	5.62	11.28	8.09	
Colebrook, N. H.								
Brown's 20% All Grain Dairy Feed	G.	20.00	6.00	50.00	----	----	10.00	Wheat bran, oats, hominy, gluten feed, linseed meal, cottonseed meal, salt, calcium carbonate.
J. Cushing Co.	F.	20.40	*4.86*	58.70	6.12	9.92	8.79	
Fitchburg, Mass.								
Cushing's Open Formula 20% Dairy Feed	G.	20.00	4.50	53.00	----	----	9.00	Hominy feed, wheat bran, middlings, oats, old process oil meal, corn gluten feed, cottonseed meal, brewers' dried grains, cane molasses, bone meal, calcium carbonate, salt.
J. Cushing Co.	F.	20.07	4.74	59.52	5.63	10.04	8.33	
Fitchburg, Mass.								
Cushing's Open Formula 24% Dairy Feed	G.	24.00	5.00	53.00	----	----	9.00	Corn gluten feed, hominy feed, old process oil meal, oats, wheat bran, cottonseed meal, brewers' dried grains, wheat middlings, cane molasses, bone meal, calcium carbonate, salt.
J. Cushing Co.	F.	24.52	5.07	53.91	6.38	10.12	9.00	
Fitchburg, Mass.								
Dairy Feed	G.	20.00	4.00	53.00	----	----	10.00	Wheat bran, cottonseed meal, corn gluten feed, cocoanut oil meal, cane molasses, corn gluten meal, wheat middlings, brewers' dried grains, old process oil meal, wheat screenings, alfalfa meal, ½ % calcium carbonate, ½ % salt.
J. Cushing Co.	F.	*19.42*	5.62	58.33	6.64	9.99	10.93	
Fitchburg, Mass.								
Dairy Feed	G.	24.00	4.00	53.00	----	----	10.00	Wheat bran, cottonseed meal, cocoanut oil meal, wheat middlings, cane molasses, corn gluten feed, corn gluten meal, brewers' dried grains, old process oil meal, wheat screenings, alfalfa meal, ½ %, calcium carbonate, ½ % salt.
J. Cushing Co.	F.	*22.16*	5.05	56.78	6.67	9.34	11.07	
Fitchburg, Mass.								
Vigor Dairy Feed	G.	16.00	3.00	45.00	----	----	10.00	Cottonseed meal, cocoanut oil meal, cane molasses, corn gluten feed, brewers' dried grains, old process oil meal, oat middlings, oat hulls, oat shorts, oat meal mill by-products, wheat screenings, ½ % calcium carbonate, ½ % salt.
J. Cushing Co.	F.	16.61	5.66	60.01	6.48	11.24	10.49	
Fitchburg, Mass.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Wood's Dairy Feed	G.	20.00	4.40	55.00	...	...	10.00	Gluten, cottonseed meal, linseed oil meal, oats, corn meal, wheat bran, wheat middlings, ground screenings not exceeding mill run, ½ % salt.
Derry Farmers' Exchange	F.	22.84	4.80	57.35	4.32	10.69	9.18	
Derry, N. H.								
Eastern's 20% Dairy Feed	G.	20.00	4.00	53.00	...	...	11.00	Wheat bran, corn gluten feed, wheat middlings, dried brewers' grains, molasses, cottonseed meal, cocoanut oil meal, old process oil meal, screenings from wheat, ½ % calcium carbonate, ½ % salt.
Eastern Grain Co.	F.	22.39	5.31	55.32	6.94	10.04	9.81	
Portland, Maine								
Eastern's 21% Dairy Feed	G.	24.00	4.00	53.00	...	...	11.00	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, cocoanut oil meal, cottonseed meal, old process oil meal, molasses, screenings from wheat, ½ % calcium carbonate, ½ % salt.
Eastern Grain Co.	F.	24.47	5.12	54.87	5.51	10.03	9.88	
Portland, Me.								
Eastern States Fitting Ration Open Formula	G.	12.00	3.50	61.00	...	...	7.00	Wheat bran, oats, corn meal, hominy, old process linseed oil meal, molasses, wheat middlings, bone meal, calcium carbonate, salt.
Eastern States Farmers' Exchange	F.	14.60	3.81	62.41	6.74	12.41	6.33	
Springfield, Mass.								
Eastern States Fulpail Open Formula Dairy Ration	G.	20.00	4.00	54.00	...	...	8.00	Corn gluten feed, hominy, old process oil meal, oats, wheat bran, cottonseed meal, distillers' dried grains, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Eastern States Farmers' Exchange	F.	20.81	4.85	56.34	7.46	10.51	7.19	
Springfield, Mass.								
Eastern States Milkmore Open Formula Dairy Ration	G.	24.00	4.50	51.00	...	...	8.00	Corn gluten feed, old process linseed oil meal, cottonseed meal, yellow hominy, corn, distillers' dried grains, wheat bran, wheat middlings, oats, molasses, bone meal, salt, calcium carbonate.
Eastern States Farmers' Exchange	F.	23.87	5.36	51.94	8.51	10.32	7.13	
Springfield, Mass.								

Eastern States 32% Supplement Feed	G.	32.00	5.00	43.00			8.00	Corn, gluten meal, cottonseed meal, old process linseed oil meal, wheat bran, corn distilers' dried grains, molasses, bone meal, calcium carbonate, salt.
Eastern States Farmers' Exchange	F.	31.84	4.94	45.67	7.83	9.72	7.53	
Springfield, Mass.								
Elmore Milk Grains	G.	25.00	5.00				11.00	Corn distillers' dried grains, wheat bran, old process oil meal, corn meal or hominy feed, barley, malt sprouts, corn gluten feed, cottonseed meal, dried brewers' grains, calcium carbonate, salt.
Elmore Milling Co., Inc.	F.	25.22	5.22	54.47	5.46	9.63	10.86	
Oneonta, N. Y.								
Eshelman's Lancaster 20% Dairy Feed	G.	20.00	4.00	53.00			11.00	Wheat bran, wheat middlings, molasses, cocoanut oil meal, corn gluten feed, dried brewers' grains, cottonseed meal, old process oil meal, screenings from wheat, ½% calcium carbonate, ½% salt.
John W. Eshelman and Sons	F.	21.67	5.33	55.30	6.88	10.82	11.23	
Lancaster, Pa.								
Eshelman's Red Rose Dairy Feed	G.	24.00	4.00	53.00			11.00	Wheat bran, wheat middlings, corn gluten feed, dried brewers' grains, cocoanut oil meal, cottonseed meal, old processs oil meal, molasses, grain screenings from wheat, ½% calcium carbonate, ½% salt.
John W. Eshelman and Sons	F.	23.78	4.98	54.29	6.53	10.42	10.53	
Lancaster, Pa.								
Grandin's Twin Six Dairy Feed	G.	22.00	5.00	50.00			12.00	Linseed oil meal, cottonseed meal, cocoanut oil meal, corn gluten feed, corn meal, corn feed meal, hominy feed, alfalfa meal, ½% salt, wheat bran, wheat middlings, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	22.33	*4.58*	57.19	5.23	10.62	8.66	
Jamestown, N. Y.								
Grandin's Milk Maker	G.	20.00	5.00	50.00			12.00	Linseed oil meal, cottonseed meal, cocoanut oil meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, beet pulp, ½% salt, wheat bran and wheat middlings may contain ground screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	21.04	5.48	57.38	5.26	10.84	8.74	
Jamestown, N. Y.								
Our New 1926 Dairy Feed	G.	22.00	5.00	54.00			8.50	Bran, cottonseed meal, gluten feed, gluten meal, linseed oil meal, corn meal, oats, bulkylas, salt.
H. G. Holton Co.	F.	*20.60*	*4.39*	56.49	5.40	13.12	8.26	
Lancaster, N. H.								

Brand and name and address of manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Money Maker Sweetened Dairy Feed E. C. and W. L. Hopkins Greenfield, N. H.	G. 20.00 F. 21.39	5.00 4.82	50.00 58.02	---- 6.23	---- 9.54	12.00 10.31	Corn, gluten feed, cottonseed meal, old process linseed meal, oats, brewers' grains, wheat bran, screenings, hominy, oat meal by-products, molasses, cocoa shell meal, calcium carbonate, salt.
24% Premium Ration E. C. and W. L. Hopkins Greenfield, N. H.	G. 24.00 F. 25.24	6.00 *5.00*	50.00 53.74	---- 6.19	---- 9.83	9.00 8.97	Gluten feed, corn meal or hominy, old process oil meal, wheat bran, cottonseed meal, dried brewers' grains, molasses, oat meal by-products, calcium carbonate, salt.
International Special Dairy Feed International Sugar Feed Co. Minneapolis, Minn.	G. 15.00 F. 16.32	4.50 7.64	47.00 56.47	---- 3.61	---- 10.96	12.00 10.45	Old process oil meal, cottonseed meal, corn gluten feed, wheat bran, molasses, clipped oat by-product, cleaned grain screenings, salt, calcium carbonate.
Beatsall Milk Grains Kasco Mills Inc. Waverly, N. Y.	G. 22.00 F. 22.44	4.50 4.94	---- 55.91	---- 6.24	---- 10.47	10.00 8.63	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, ¾ % salt, beet pulp.
Larro, The Ready Ration Larrowe Milling Co. Detroit, Mich.	G. 20.00 F. 21.14	4.00 4.10	58.00 57.72	---- 5.83	---- 11.21	12.00 11.50	Cottonseed meal, corn gluten feed, old process linseed oil meal, wheat bran, wheat middlings, dried beet pulp, ¾ % salt.
Bull Brand Dairy Ration Maritime Milling Co. Buffalo, N. Y.	G. 24.00 F. 24.56	6.00 *4.90*	---- 51.18	---- 3.54	---- 10.82	12.00 10.08	Dried brewers' grains, dried malt grains, linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings, calcium carbonate, bone meal, ¾ % salt. Wheat bran and wheat middlings may contain ground screenings not exceeding mill run.
Merrimack Dairy Ration Merrimack Farmers' Exchange, Inc. Concord, N. H.	G. 20.00 F. 20.11	5.00 *4.68*	50.00 57.34	---- 7.12	---- 10.75	10.00 8.52	Corn gluten feed, linseed oil meal, cottonseed meal, corn meal, wheat bran, wheat middlings, not exceeding mill run screenings, oats, ¾ % salt, 3% calcium carbonate.

Noyes' Dairy Feed D. A. Noyes and Son Colebrook, N. H.	G. F.	23.00 *22.49*	5.00 *4.55*	56.00 55.18	--- 6.71	--- 11.07	9.00 7.30	Cottonseed meal, old process linseed meal, white hominy feed or corn meal, oats, bran, gluten, 1% salt, calcium carbonate, bone meal.
Bet-R-Milk Ration, Park and Pollard Co. Boston, Mass.	G. F.	20.00 19.92	5.00 *3.87*	40.00 57.18	--- 9.38	--- 9.65	10 00 8.77	Distillers' dried grains, old process linseed oil meal, cottonseed meal, hominy feed, grain screenings, fish, wheat bran, oats, molasses, calcium carbonate, salt.
Herdhelth Ration Park and Pollard Co. Boston, Mass.	G. F.	16.00 15.59	6.00 *4.00*	50.00 57.95	--- 10.57	--- 11.89	12.00 9.64	Linseed oil meal, cottonseed meal, grain screenings, alfalfa, fish, molasses, calcium carbonate, salt.
Milk Maid 24% Dairy Ration Park and Pollard Co. Boston, Mass.	G. F.	24.00 24.19	5.00 *4.57*	45.00 53.51	--- 8.36	--- 9.37	11.00 12.34	Corn distillers' grains, old process linseed oil meal, cottonseed meal, gluten feed, wheat bran, wheat middlings, mill run screenings, oats, corn meal, calcium carbonate, salt.
Stevens' 44 Dairy Ration Park and Pollard Co. Boston, Mass.	G. F.	24.00 24.61	5.00 5.08	40.00 51.81	--- 7.96	--- 10.54	12.00 10.16	Linseed oil meal, cottonseed meal, corn gluten feed, cocoanut oil meal, pea meal, corn distillers' dried grains, brewers' dried grains, corn meal, calcium cabonate, salt, wheat bran, mill run screenings.
Stevens' 44 Sweetened Dairy Ration Park and Pollard Co. Boston, Mass.	G. F.	24.00 25.92	5.00 4.88	40.00 51.83	--- 7.96	--- 9.41	12.00 8.67	Linseed oil meal, cottonseed meal, cocoanut oil meal, corn gluten feed, pea meal, corn distillers' dried grains, brewers' dried grains, wheat bran, mill run screenings, corn meal, oats, barley, molasses, calcium carbonate, salt.
Peel's Dairy Feed William F. Peel Nashua, N. H.	G. F.	20.00 20.71	5.00 4.87	55.00 57.13	--- 6.46	--- 10.83	12.00 10.55	Corn, gluten feed, cottonseed meal, old process linseed meal, wheat bran, screenings, hominy, oat meal by-products, molasses, cocoashell meal, brewers' grains, calcium carbonate, salt.
Pike and Gale Dairy Feed Pike and Gale Littleton, N. H.	G. F.	20.00 19.90	5.00 5.07	45.00 54.77	--- 8.72	--- 11.54	12.00 10.31	Linseed oil meal, cottonseed meal, corn gluten feed, cocoanut oil meal, pea meal, corn distillers' dried grains, wheat bran, corn meal, grain screenings, alfalfa, fish, molasses, calcium carbonate, salt.
Pillsbury's 20% Dairy Ration Pillsbury Flour Mills Co. Minneapolis, Minn.	G. F.	20.00 20.78	5.00 5.11	--- 55.98	--- 7.79	--- 10.34	10.00 8.32	Linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, wheat bran, dried beet pulp, wheat middlings, calcium carbonate, salt.

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
A. D. P. 20% Dairy Ration	G.	20.00	4.00	50.00	—	—	10.00	Corn, hominy, cottonseed meal, corn gluten feed, wheat bran, oats, linseed oil meal, calcium carbonate, bone meal, salt.
W. N. Potter and Sons, Inc. Greenfield, Mass.	F.	20.99	4.54	57.37	7.15	9.95	8.98	
A. D. P. 24% Dairy Ration	G.	24.00	4.00	52.00	—	—	10.00	Corn, hominy, cottonseed meal, wheat bran, corn gluten meal, oats, oil meal, calcium carbonate, bone meal, salt.
W. N. Potter and Sons, Inc. Greenfield, Mass.	F.	25.92	4.29	52.39	6.42	10.98	6.61	
Big Q Dairy Ration	G.	20.00	3.25	57.00	—	—	12.00	Hominy feed, yellow hominy feed, barley meal, cottonseed meal, corn gluten feed, old process linseed meal, wheat bran, wheat middlings, ground screenings not exceeding mill run, oat meal mill by-products, oat middlings, oat hulls, oat shorts, ¾% salt, 1% calcium carbonate, 1% bone meal, molasses.
Quaker Oats Co. Chicago, Ill.	F.	22.57	4.17	53.82	8.70	10.74	10.60	
Boss Dairy Ration 24%	G.	24.00	4.00	55.50	—	—	10.50	Hominy feed, cottonseed meal, old process linseed meal, corn gluten feed, wheat bran, wheat middlings, ground screenings not exceeding mill run, oat meal mill by-products, oat middlings, oat shorts, oat hulls, 1% calcium carbonate, 1% bone meal, molasses, ¾% salt.
Quaker Oats Co. Chicago, Ill.	F.	24.00	4.63	53.08	7.59	10.70	8.43	
Quaker 16% Dairy Feed with Molasses	G.	16.00	4.00	59.50	—	—	13.50	Cottonseed meal, linseed oil meal, hominy feed, oat feed, wheat bran, wheat middlings, grain screenings, 1% calcium carbonate, ¾% salt, 1% bone meal, molasses.
Quaker Oats Co. Chicago, Ill.	F.	*14.82*	4.27	62.47	8.08	10.36	14.94	
Purina 24% Cow Chow	G.	24.00	4.00	53.00	—	—	12.00	Linseed meal, gluten feed, hominy feed, corn feed meal, wheat middlings, cottonseed meal, molasses, ground alfalfa, 1% salt.
Ralston Purina Co., Inc. St. Louis, Mo.	F.	24.61	3.89	54.33	6.83	10.29	10.06	
Dairy Feed with Beet Pulp	G.	21.00	4.00	55.00	—	—	12.50	Beet pulp, corn gluten feed, cottonseed meal, old process linseed oil meal, wheat bran, wheat middlings, corn meal, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	22.90	4.49	56.79	5.86	9.96	10.47	

Paragon Dairy Feed	G.	22.00	4.00	50.00			12.00	Cottonseed meal, linseed meal, diamond corn gluten meal, corn gluten feed, corn meal, oat meal mill by-products, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings not exceeding mill run of screenings, bone meal, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	22.77	4.51	56.73	6.83	9.16	12.00	
Wirthmore Balanced Ration	G.	25.00	5.50	55.00			9.00	Diamond corn gluten meal, corn distillers' dried grains, old process linseed meal, corn gluten feed, brewers' dried grains, cottonseed meal, wheat middlings, hominy meal, corn meal, wheat bran, bone meal, dairy salt.
St. Albans Grain Co. St. Albans, Vt.	F.	25.00	5.21	52.63	6.52	10.64	7.94	
Wirthmore 20% Dairy Feed	G.	20.00	5.00	59.00			9.00	Corn gluten meal, corn gluten feed, corn distillers' dried grains, brewers' dried grains, old process linseed meal, cottonseed meal, hominy meal, cron meal, oats, wheat middlings, wheat bran, bone meal, dairy salt.
St. Albans Grain Co. St. Albans, Vt.	F.	20.93	4.89	57.88	5.80	10.50	7.89	
Wirthmore 16% Summer Ration	G.	16.00	4.00	60.00			8.00	Diamond corn gluten meal, corn gluten feed, corn meal, hominy meal, cottonseed meal, oats, wheat bran, wheat middlings, bone meal, calcium carbonate, salt.
St. Albans Grain Co. St. Albans, Vt.	F.	17.32	3.88	59.76	7.69	11.35	7.93	
S-Co. Quality Dairy Ration	G.	22.00	4.50	55.00			9.00	Corn gluten feed, cottonseed meal; old process oil meal, oats, corn, wheat bran, bone meal, salt.
F. S. Sleeper and Co. North Haverhill, N. H.	F.	23.49	5.03	54.71	5.96	10.81	8.98	
F. S. Co. Dairy Feed	G.	21.00	4.00	45.00			9.00	Wheat feed, corn meal, oats, old process linseed oil meal, Buffalo gluten, cottonseed meal, diamond gluten, molasses, calcium carbonate.
Frank Smith Co. Lancaster, N. H.	F.	23.29	4.21	55.77	5.32	11.41	6.38	
White Clover Dairy Feed	G.	24.00	4.50	44.00			9.00	Gluten feed, hominy feed, old process oil meal, oats, wheat bran, cottonseed meal, corn distillers' grains, wheat middlings, cane molasses, bone meal, calcium carbonate, salt.
Stratton and Co. Concord, N. H.	F.	24.93	5.74	51.42	7.59	10.32	8.86	
Union Grains Biles Ready Dairy Ration	G.	24.00	5.00	50.00			10.00	Corn distillers' dried grains, cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn gluten feed, brewers' dried grains, ½% salt.
Ubiko Milling Co. Cincinnati, O.	F.	24.15	5.43	55.23	6.46	8.73	9.49	

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Blue Seal Improved Balanced Ration	G.	24.00	6.00	48.00	----	----	8.50	Gluten meal, hominy feed, old process oil meal, oats, wheat bran, cottonseed meal, corn distillers' grains, malt sprouts, peanut middlings, cane molasses, Oregon mineral mixture.
H. K. Webster Co.	F.	24.15	4.96	54.43	5.19	11.27	7.30	
Lawrence, Mass.								
Blue Seal Open Formula Dairy Feed	G.	24.00	4.50	44.00	----	----	9.00	Gluten feed, hominy feed, old process linseed oil meal, oats, wheat bran, cottonseed meal, corn distillers' grains, wheat middlings, cane molasses, steamed bone meal, calcium carbonate, salt.
H. K. Webster Co.	F.	23.17	4.57	55.66	5.76	10.84	8.65	
Lawrence, Mass.								
Rockingham Dairy Ration	G.	21.00	5.50	51.00	----	----	7.50	Oats, old process oil meal, gluten feed, bran, cottonseed meal, corn meal, calcium carbonate, salt.
H. K. Webster Co.	F.	22.14	4.29	58.10	6.09	9.38	9.96	
Lawrence, Mass.								
XL Dairy Ration	G.	22.00	5.50	55.00	----	----	13.00	Gluten meal, old process oil meal, cottonseed meal, malt sprouts, bran, oat feed, peanut middlings, cane molasses, wheat feed, minerals.
H. K. Webster Co.	F.	22.93	5.53	56.90	5.82	8.82	13.03	
Lawrence, Mass.								
Zieve's Dairy Feed	G.	20.00	5.00	55.00	----	----	12.00	Corn gluten feed, cottonseed meal, old process linseed meal, wheat bran with screenings, hominy, oat meal by-products, molasses, cocoa shell meal, oats, brewers' grains, calcium carbonate, salt.
H. Zieve	F.	19.55	4.83	59.25	6.15	10.22	10.16	
Manchester, N. H.								
DISTILLERS' DRIED GRAINS								
Corn Distillers' Dried Grains	G.	28.00	5.50	----	----	----	14.00	
Canadian Industrial Alcohol Co., Ltd.,	F.	25.66	8.30	47.03	1.52	17.49	----	
Corbyville, Ont.								
GLUTEN FEED								
Cream of Corn Gluten Feed	G.	23.00	2.00	----	----	----	8.50	
American Maize Products Co.	F.	23.82	3.88	61.13	3.49	7.68	----	
New York City								

Clinton Corn Gluten Feed	G.	23.00	2.00	57.00			8.50	
Clinton Corn Syrup Refining Co. Clinton, Iowa	F.	23.21	3.00	59.98	3.97	9.84		
Buffalo Corn Gluten Feed	G.	23.00	2.00	57.00			8.50	Corn gluten feed.
Corn Products Refining Co. New York City	F.	25.39	2.77	56.90	6.30	8.64		
Jenk's Corn Gluten Feed	G.	22.00	3.00				8.00	Corn starch by-products, corn bran.
Huron Milling Co. Harbor Beach, Mich.	F.	22.38	4.20	63.28	1.92	8.22		
Staley's Corn Gluten Feed	G.	23.00	1.00	50.00			8.00	
A. E. Staley Mfg. Co. Decatur, Ill.	F.	25.37	2.58	58.37	5.16	8.52		
Union Corn Gluten Feed	G.	23.00	2.00				8.00	
Union Starch and Refining Co. Columbus, Ind.	F.	26.53	2.46	54.33	6.59	10.09		
GLUTEN MEAL								
Diamond Corn Gluten Meal	G.	40.00	1.00	42.00			4.00	
Corn Products Refining Co. New York City	F.	41.59	3.05	44.74	1.43	9.19		
Douglas Corn Gluten Meal	G.	40.00	1.00	44.00			4.00	
Penick and Ford, Ltd., Inc. Cedar Rapids, Iowa	F.	39.47	2.09	46.99	3.59	7.86		
HOG FEED								
Elmore Makemgrow Little Pig Ration	G.	18.00	4.50				7.00	Wheat middlings, corn feed meal or hominy feed, old process oil meal, red dog wheat flour, middlings, tankage, salt.
Elmore Milling Co., Inc. Onconto, N. Y.	F.	17.03	4.88	60.19	5.51	12.39	7.00	
Larro Hog Feed								
Larrowe Milling Co. Detroit, Mich.	G.	18.00	5.00				10.00	Corn germ meal, linseed oil meal, hominy feed, digester tankage, alfalfa meal, wheat middlings, wheat bran, dried beet pulp, ½% salt.
	F.	18.26	5.26	59.59	6.17	10.72	8.25	

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wirthmore Pig Feed St. Albans Grain Co. St. Albans, Vt.	B. F.	17.00 17.80	4.00 5.36	50.00 56.71	--- 9.16	--- 10.97	9.00 6.63	Tankage, beef scraps, bone meal, wheat middlings, wheat bran, not exceeding mill run screenings, linseed meal, alfalfa, hominy meal, corn meal, barley, corn guten feed, calcium carbonate, dairy salt.
HOMINY FEED								
Acme Hominy Feed Chas. M. Cox Co. Boston, Mass.	G. F.	10.00 10.75	7.00 7.79	--- 67.96	--- 2.73	--- 10.77	6.00 ---	
Homco Hominy Feed Decatur Milling Co. Decatur, Ill.	G. F.	10.00 10.08	7.00 6.33	--- 70.46	--- 2.19	--- 10.94	6.00 ---	White corn.
B. C. White Hominy Feed Kellogg Co. Battle Creek, Mich	G. F.	10.00 9.39	6.00 4.72	55.00 71.84	--- 2.01	-- 12.04	5.00 ---	
Bufreco Hominy Feed Mapl-Flake Mills, Inc. Chicago, Ill.	G. F.	10.00 10.83	5.00 5.38	--- 69.79	--- 2.36	--- 11.64	6.00 ---	
Choice Steam Cooked Hominy Feed Miner-Hillard Milling Co. Wilkes-Barre, Pa.	G. F.	10.00 10.39	4.00 5.13	60.00 71.10	--- 2.24	--- 11.14	5.00 ---	
Poco Hominy Feed Mount Vernon Milling Co. Mt. Vernon, Ind.	G. F.	10.00 10.33	7.00 8.15	--- 69.75	--- 2.66	--- 9.11	6.00 ---	Hominy feed with corn screenings added and part of germ removed.
Hominy Feed Patent Cereals Co. Geneva, N. Y.	G. F.	10.00 10.92	5.00 5.46	60.00 70.09	--- 2.40	--- 11.13	5.00 ---	

Burt's Hominy Feed	G.	10.00	6.00	60.00	----	----	5.00	White corn.
Postum Cereal Co., Inc.	F.	10.84	5.88	69.51	2.23	11.54	----	
Battle Creek, Mich.								
Paragon Hominy Feed	G.	10.00	6.00	60.00	----	----	7.00	
St. Albans Grain Co.	F.	11.01	*5.68*	68.21	3.56	11.54	----	
St. Albans, Vt.								
Yellow Hominy Feed	G.	9.50	5.50		----	----	7.50	
David Stott Four Mills, Inc.	F.	9.64	5.57	71.39	1.88	11.52	----	
Detroit, Mich.								
HORSE FEED								
Beacon Special Horse Feed	G.	11.50	3.00	65.00	----	----	5.00	Oats, corn, barley, old process linseed oil
Beacon Milling Co., Inc.	F.	*10.94*	3.68	69.35	2.36	13.67	5.10	meal, wheat bran, 1% salt, 1% protozyme.
Cayuga, N. Y.								
Horse Feed	G.	8.00	2.00	50.00	----	----	9.00	Corn, oats, wheat bran, cane molasses, ½%
J. Cushing Co.	F.	9.64	3.80	69.90	2.89	13.77	5.74	salt.
Fitchburg, Mass.								
Steam Cooked Horse Feed	G.	9.00	4.00	50.00	----	----	4.00	Corn, oats.
J. Cushing Co.	F.	9.94	4.00	75.67	1.98	8.41	4.99	
Fitchburg, Mass.								
Eastern States Horse Feed Open Formula	G.	12.00	4.00	67.00	----	----	9.00	Corn, oats, wheat bran, old process linseed
Eastern States Farmers' Exchange	F.	11.71	*3.64*	66.77	4.86	13.02	5.47	oil meal, molasses, salt.
Springfield, Mass.								
Elmore Horse Feed with Molasses	G.	9.00	2.50		----	----	11.00	Corn, oats, alfalfa meal, molasses, ½% salt.
Elmore Milling Co.	F.	*8.13*	2.63	73.75	3.13	12.36	9.24	
Oneonta, N. Y.								
Eshelman's Lancaster 60 Horse Feed	G.	9.00	2.50	50.00	----	----	10.00	Corn, oats, molasses, alfalfa meal, ½% salt.
John W. Eshelman and Sons	F.	8.93	3.24	69.46	4.00	14.37	9.34	
Lancaster, Pa.								
Eshelman's Red Rose Horse Feed	G.	9.00	3.00	50.00	----	----	10.00	Corn, oats, molasses, alfalfa, meal, ½% salt.
John W. Eshelman and Sons	F.	9.30	3.86	69.22	2.86	14.76	5.32	
Lancaster, Pa.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs					Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Fiber Crude	
Blue Seal Horse Feed	G.	11.00	5.00	60.00	----	----	8.00	Oats, barley, hominy feed, corn, linseed meal, bran, cane molasses, salt.
H. K. Webster Co. Lawrence, Mass.	F.	11.42	3.93	69.50	3.34	11.81	5.17	
LINSEED MEAL								
Amco Old Process Linseed Meal	G.	30.00	5.00	30.00	----	----	10.00	
American Milling Co. Peoria, Ill.	F.	31.74	6.34	46.56	5.88	9.48	----	
Pure Old Process Linseed Meal	G.	32.00	5.00	45.00	----	----	9.00	
Archer-Daniels Midland Co. Minneapolis, Minn.	F.	33.15	5.84	45.00	6.22	9.79	----	
Pure Old Process Linseed Meal	G.	34.00	5.00	45.00	5.00	----	9.00	
Archer-Daniels Midland Co. Minneapolis, Minn.	F.	33.47	4.73	46.60	6.08	9.12	----	
Maple Leaf Oil Cake Meal	G.	35.00	5.00	----	----	----	7.00	
Canada Linseed Oil Mills, Ltd. Montreal, Canada.	F.	35.42	5.37	43.30	4.65	11.26	----	
Linseed Oil Meal, Pure Old Process	G.	30.00	5.00	37.00	----	----	9.00	
Kellogg and Miller Amsterdam, N. Y.	F.	33.47	6.37	44.92	5.71	9.53	----	
Linseed Meal 34% Protein Pure Old Process	G.	34.00	6.00	35.00	----	----	10.00	
Mann Bros. Co. Buffalo, N. Y.	F.	33.06	7.00	42.02	4.51	13.41	----	
Linseed Meal, Pure Old Process	G.	31.00	6.00	35.00	----	----	10.00	
Mann Bros. Co. Buffalo, N. Y.	F.	31.53	7.14	43.86	5.46	12.01	----	

Canadian Bluebell Linseed Oil Meal	G.	32.00	6.50				8.00	
M. A. W. Overend Co.	F.	*31.44*	6.64	45.84	6.18	9.90		
Toronto, Canada.								
Kelloggs Linseed Meal. Pure Old Process	G.	34.00	5.00	45.00			10.00	
Spencer Kellogg and Sons, Inc.	F.	34.00	6.74	43.39	5.51	10.36		
Buffalo, N. Y.								
MEAT AND BONE SCRAP								
Capital Meat and Bone Scraps	G.	45.00	6.00					
American Agricultural Chemical Co.	F.	50.09	8.92		28.74	8.84		Meat and bone scraps.
New York City.								
Protox Meat and Bone Scraps	G.	55.00	6.00				3.00	
American Agricultural Chemical Co.	F.	55.41	10.90		23.34	7.63		
New York City.								
Beach's Superior Beef Scraps	G.	50.00	15.00					
Beach Soap Co.	F.	50.33	*10.16*		32.08	5.76		
Lawrence, Mass.								
Star Brand Pure Ground Beef Scraps	G.	45.00	10.00					
Beach Soap Co.	F.	*42.33*	13.83		33.14	6.30		
Lawrence, Mass.								
Burlington Meat and Bone Scraps	G.	45.00	8.00					
Burlington Rendering Co.	F.	45.44	12.34		31.46	7.37		
Burlington, Vt.								
Dow's 50% Beef Scraps	G.	50.00	10.00					
John C. Dow Co.	F.	52.26	13.93		23.41	5.87		
Boston, Mass.								
Dow's 60% Beef Scraps	G.	60.00	10.00					Meat scraps.
John C. Dow Co.	F.	60.76	16.59		12.10	8.36		
Boston, Mass.								
Dow's Ground Beef Scraps	G.	45.00	12.00					Meat scraps.
John C. Dow Co.	F.	47.81	14.14		24.41	6.87		
Boston, Mass.								

Brand and name and address of manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Greene's Poultry Food	G. 30.00	5.00	----	----	----	----	
Greene Chick Feed Co.	F. 31.46	16.17	----	37.74	6.68	2.46	
Marblehead, Mass.							
Meat and Bone scraps	G. 50.00	15.00	----	----	----	----	
W. D. Higgins Co.	F. *49.39*	*13.88*	----	28.20	5.84	----	
Framingham, Mass.							
Red Star Brand Fish Scraps	G. 45.00	2.00	----	----	----	1.00	
International Glue Co.	F. 45.48	*1.74*	----	41.89	7.58	----	
Boston, Mass.							
Peerless Poultry Feed	G. 45.00	8.00	----	----	----	----	Meat and bone scraps.
Lowell Rendering Co.	F. 45.68	8.29	----	34.24	8.86	----	
Lowell, Mass.							
Perfection Poultry Feed	G. 55.00	8.00	----	----	----	----	Meat and bone scraps.
Lowell Rendering Co.	F. 55.00	9.46	----	26.09	8.06	----	
Lowell, Mass.							
Manchester Poultry Feed	G. 45.00	8.00	----	----	----	----	Meat and bone scraps.
Manchester Rendering Co.	F. 47.79	10.53	----	32.67	5.68	----	
Manchester, N. H.							
Manchester Special Poultry Feed	G. 50.00	8.00	----	----	----	----	Meat and bone scraps.
Manchester Rendering Co.	F. 50.00	9.53	----	30.99	6.75	----	
Manchester, N. H.							
Marsh's Diamond Special Pure Ground Scraps	G. 50.00	10.00	----	----	----	----	
George E. Marsh Co.	F. 54.09	12.79	----	22.50	7.05	----	
Lynn, Mass.							
Marsh's Pure Ground Scraps	G. 40.00	8.00	----	----	----	----	Meat and bone scraps.
George E. Marsh Co.	F. 43.49	14.78	----	31.19	5.92	----	
Lynn, Mass.							

Brighton Meat Scraps	G.	60.00	10.00	----	----	----	3.00	Meat products.
New England Rendering Co. Brighton, Mass.	F.	*59.31*	10.30	----	18.91	5.56	----	
White Seal Meat Scraps	G.	40.00	5.00	----	----	----	4.00	
New England By-Products Corp. Lawrence, Mass.	F.	*39.41*	12.27	----	38.15	7.68	----	
Norton's High Grade Meat and Bone Poultry Food	G.	45.00	8.00	----	----	----	----	
Norton Tallow Co. Somerville, Mass.	F.	45.00	10.89	----	31.29	6.41	----	
Portland Poultry Feed	G.	50.00	12.00	----	----	----	----	Meat and bone scraps.
Portland Rendering Co. Portland, Me.	F.	*38.47*	*10.44*	----	38.35	6.88	----	
Reardon's Beef Scraps	G.	36.00	8.00	----	----	----	----	
John Reardon and Sons Co. Cambridge, Mass.	F.	*34.14*	*7.28*	----	48.42	8.78	----	
Reardon's Meat Scraps	G.	45.00	6.00	----	----	----	----	
John Reardon and Sons Co. Cambridge, Mass.	F.	*43.57*	9.83	----	35.39	7.50	----	
Reardon's Meat Scraps	G.	55.00	6.00	----	----	----	----	
John Reardon and Sons Co. Cambridge, Mass.	F.	*51.60*	8.77	----	31.03	7.39	----	
Pure Ground Fish Meal	G.	55.00	4.00	----	----	----	2.00	
Charles M. Struven and Co. Baltimore, Md.	F.	56.52	12.17	----	19.18	8.04	----	
OAT PRODUCTS								
Re-Ground Oat Feed	G.	5.00	2.00	----	----	----	28.00	Oat middlings, oat shorts, oat hulls.
Hecker H-O Co., Inc. Buffalo, N. Y.	F.	6.38	2.53	78.13	6.39	6.57	----	
Kellogg Oat Middlings	G.	14.00	5.00	65.00	----	----	4.00	Oat groats.
Kellogg Co. Davenport, Ia.	F	14.63	5.91	69.00	1.93	7.63	----	

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Gold Medal Fine Ground Feeding Oatmeal Northern Illinois Cereal Co. Lockport, N. Y.	G. F.	16.00 15.72	7.00 7.29	---- 66.17	---- 2.56	---- 8.26	3.00 ----	
POULTRY FEED								
Chase Growing Mash George B. Brown Ipwich, Mass.	G. F.	15.00 16.21	5.00 6.09	50.00 58.51	---- 8.43	---- 10.76	9.00 7.29	Corn feed meal, oat meal, wheat bran, wheat middlings, meat scraps, bone meal, charcoal, salt.
Chase Laying Mash George B. Brown Ipwich, Mass.	G. F.	19.00 20.44	5.00 6.12	48.00 54.27	---- 9.26	---- 9.91	8.00 6.84	Corn feed meal, oat meal, wheat bran, wheat middlings, meat scraps, corn gluten feed.
Beacon Broiler Feed Beacon Milling Co., Inc. Cayuga, N. Y.	G. F.	16.00 16.18	4.00 4.97	55.00 60.61	---- 5.74	---- 12.50	6.00 4.22	Powdered skim milk, meat scraps, corn meal, wheat, cracked corn, oats, barley, wheat bran, old process linseed oil meal, wheat red dog, ½ % salt, 1% protozyme.
Beacon Egg Mash Beacon Milling Co., Inc. Cayuga, N. Y.	G. F.	22.00 22.66	4.50 5.30	47.00 51.84	---- 9.13	---- 11.07	7.00 5.78	Powdered buttermilk, meat scraps, bone meal, fish meal, corn gluten meal, oats, barley, alfafa leaf meal, corn meal, wheat bran, wheat middings, 1% calcium carbonate, ½ % salt, 1% protozyme.
Beacon Fattening Mash Beacon Milling Co., Inc. Cayuga, N. Y.	G. F.	14.00 14.76	4.50 5.43	---- 62.53	---- 5.12	---- 12.11	6.00 5.03	Dried buttermilk, meat scraps, corn meal, oats, wheat red dog, ½ % salt, ½ % calcium phosphate, 2½ % protozyme.
Beacon Growing Mash Beacon Milling Co., Inc. Cayuga, N. Y.	G. F.	17.00 17.41	4.50 4.63	---- 57.04	---- 9.00	---- 11.92	7.00 5.54	Powdered buttermilk, meat and bone scraps, bone meal, old process linseed oil meal, oats, barley, hominy feed, alfalfa leaf meal, wheat red dog, wheat bran, wheat middlings, 1% calcium phosphate, 2% protozyme, ½ % salt.

Beacon Starting Mash	G.	14.00	4.50	50.00			6.00	Powdered buttermilk, bone meal, hominy feed, corn meal, oats, wheat, alfalfa leaf meal, wheat bran, wheat middlings, 1% calcium carbonate, ½% salt, 3% protozyme.
Beacon Milling Co., Inc. Cayuga, N. Y.	F.	16.48	4.70	58.95	8.18	11.69	5.18	
Bidwell Dry Mash	G.	18.00	1.50	40.00			12.00	Corn, barley, oats, meat and bone meal, fish, wheat bran, grain screenings, wheat middlings, calcium carbonate, salt.
Black Rock Milling Corp. Black Rock, N. Y.	F.	17.56	4.43	57.25	9.32	11.44	5.86	
Green Mountain Mash	G.	19.00	4.00	48.00			9.00	Corn meal, oats, wheat middlings, cottonseed meal, gluten feed, linseed meal, alfalfa, wheat bran, meat, bone and fish scraps, charcoal, 1-10% salt.
Caledonia Mills, Inc. St. Johnsbury, Vt.	F.	21.02	4.72	54.18	8.22	11.86	8.50	
Cheshire County Laying Mash	G.	19.00	6.00	54.00			7.00	Gluten feed, flour middlings, wheat bran, oats, corn meal, meat scraps, 1% salt.
Cheshire County Farmers' Exchange Keene, N. H.	F.	21.30	5.16	52.72	9.37	11.45	6.49	
Conkey's Buttermilk Grain and Bone Starting Feed	G.	14.00	3.00	60.00			4.00	Oat meal, wheat middlings, corn meal, corn feed meal, buttermilk, bone, blood flour.
G. E. Conkey Co. Cleveland, O.	F.	14.08	4.83	65.41	5.10	10.58	4.00	
Laying Mash	G.	20.00	5.00	45.00			7.00	Dried buttermilk, meat and fish scraps, wheat middlings, corn feed meal, wheat bran, corn gluten feed, oats, hominy feed, old process oil meal, alfalfa meal, ½% salt.
J. Cushing Co. Fitchburg, Mass.	F.	21.10	6.71	52.14	9.02	11.03	5.53	
Wood's Poultry Mash	G.	18.00	4.00	50.00			5.00	Wheat bran, screenings not exceeding mill run, corn meal, gluten, beef scraps, red dog, middlings, oats, 1% salt.
Derry Farmers' Exchange Derry, N. H.	F.	19.31	5.76	55.46	7.76	11.71	4.94	
Eastern's La-In Egg Mash	G.	20.00	5.00	45.00			7.00	Dried buttermilk, meat and fish scraps, wheat middlings, corn feed meal, wheat bran, corn gluten feed, oats, hominy feed, old process oil meal, alfalfa meal, ½% salt.
Eastern Grain Co. Portland, Me.	F.	22.11	5.99	51.78	8.54	11.55	5.78	
Eastern States Milk Egg Mash	G.	17.00	4.00	56.00			7.00	Corn meal, wheat bran, wheat flour middings, oats, meat scraps, alfalfa leaf meal, dried buttermilk, bone meal, salt.
Eastern States Farmers' Exchange Springfield, Mass.	F.	17.03	4.82	57.95	8.82	11.38	6.17	
Eastern States Open Formula Egg Mash	G.	18.50	3.50	57.00			8.00	Corn meal, wheat flour middlings, oats, wheat bran, meat scraps.
Eastern States Farmers' Exchange Springfield, Mass.	F.	19.47	5.87	56.34	7.29	11.03	6.29	

Brand and name and address of manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Elmore Egg Mash Elmore Milling Co., Inc. Oneonta, N. Y.	G. 18.00 F. 18.91	4.00 5.34	52.98	10.84	11.93	8.00 4.73	Dried buttermilk, meat scraps, wheat flour, oats, wheat middlings, corn meal or hominy feed, wheat bran, 1% calcium carbonate 1% salt.
Eshelman's Laying Mash John W. Eshelman and Sons Lancaster, Pa.	G. 20.00 F. 21.52	5.00 6.32	45.00 51.20	10.25	10.71	7.00 5.31	Dried buttermilk, meat and fish scraps, wheat middlings, corn feed meal, wheat bran, corn gluten feed, oats, hominy feed, 2% old process oil meal, 1% alfalfa meal, ½% salt.
Grandin's Baby Chick Starter D. H. Grandin Milling Co. Jamestown, N. Y.	G. 12.00 F. 15.46	4.00 5.46	60.00 63.66	5.14	10.28	5.00 3.98	Dried buttermilk, oats, wheat, corn meal, hominy feed, wheat middlings, calcium carbonate, bone meal.
Grandin's Growing Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. 14.00 F. 15.83	4.00 5.17	50.00 58.19	9.52	11.29	8.00 5.69	Bone meal, meat and bone, gluten feed, dried buttermilk, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oats, calcium carbonate, salt, wheat bran and wheat middlings may contain ground screenings not exceeding mill run.
Grandin's Laying Mash D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 21.43	4.00 4.73	50.00 51.64	11.66	10.54	8.00 5.96	Fish, meat, bone, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oats, scratch feed screenings, buttermilk, alfalfa meal, calcium carbonate, salt.
Kasco Growing Mash Kasco Mills, Inc. Waverly, N. Y.	G. 19.00 F. 21.10	4.00 6.22	50.00 53.57	9.07	10.04	5.50 4.76	Wheat red dog flour, oat meal, wheat middlings, wheat bran, corn meal, linseed oil meal, meat scraps, dried buttermik, bone meal, ¾% salt.
Kasco Laying Mash Kasco Mills, Inc. Waverly, N. Y.	G. 20.00 F. 22.38	4.00 5.28	50.00 53.93	7.79	10.62	8.50 6.39	Wheat bran, wheat middlings, wheat red dog flour, corn meal, linseed oil meal, corn gluten feed, oats, meat and bone scraps, fish meal, dried buttermilk, ¾% salt, alfalfa meal.

Larro, Chick Starter	G.	14.00	4.50	61.00	----	----	6.50	Yellow hominy feed, oat meal, wheat middlings, dried buttermik, alfalfa meal, meat scraps, bone meal.
Larrowe Milling Co.	F.	15.20	5.67	62.40	4.65	10.34	6.39	
Detroit, Mich.								
Larro Egg Mash	G.	19.00	5.00	52.00	----	----	8.00	Oat meal, wheat middlings, yellow hominy feed, meat scraps, wheat bran, dried buttermilk, alfalfa meal, bone meal, ¾% salt, ¾% calcium carbonate.
Larrowe Milling Co.	F.	19.99	5.40	53.41	11.05	10.12	6.61	
Detroit, Mich.								
Poultry Mash	G.	18.00	2.50	60.00	----	----	7.00	Corn meal, alfalfa meal, oats, oil meal, gluten meal, wheat bran, middlings, bone meal, beef scraps, fish meal, dried buttermilk.
McQuesten and Lewis	F.	19.53	5.01	51.90	12.08	11.48	5.47	
Manchester, N. H.								
Farr Mash	G.	18.00	4.00	50.00	----	----	8.00	Wheat middlings, wheat bran, mill run of screenings, corn meal, meat scraps, oats, alfalfa, charcoal, ¾% salt, 3% calcium carbonate.
Merrimack Farmers' Exchange, Inc.	F.	20.10	5.15	49.33	11.99	10.13	8.69	
Concord, N. H.								
Merrimack Egg Mash	G.	21.00	5.00	50.00	----	----	5.00	Corn meal, rolled oats, wheat bran, white wheat middlings, corn gluten feed, meat scraps, 1% salt.
Merrimack Farmers' Exchange, Inc.	F.	*20.49*	5.10	54.93	9.20	10.28	4.79	
Concord, N. H.								
Merrimack Growing Mash	G.	20.00	5.00	50.00	----	----	6.00	Corn meal, oat meal, wheat bran, white wheat middlings, corn gluten feed, meat scraps.
Merrimack Farmers' Exchange, Inc.	F.	*19.38*	*4.73*	59.06	6.69	10.14	4.24	
Concord, N. H.								
Merrimack Special Egg Mash	G.	20.00	5.00	50.00	----	----	6.00	Corn meal, oats, wheat bran, wheat middlings, corn gluten feed, meat scraps.
Merrimack Farmers' Exchange, Inc.	F.	20.19	4.78	53.55	9.99	11.19	5.37	
Concord, N. H.								
Riverside Mash	G.	17.00	5.00	50.00	----	----	6.00	Corn meal, wheat bran, wheat middlings may contain mill run of screenings, oat groats, meat scraps, bone meal, dried buttermilk, 1% table salt, 2% calcium carbonate.
Merrimack Farmers' Exchange, Inc.	F.	17.12	*4.40*	57.23	10.44	10.81	2.63	
Concord, N. H.								
Broiler Ration	G.	14.00	1.50	50.00	----	----	8.00	Alfalfa, barley, corn, wheat, oats, meat and bone meal, wheat bran, mill run screenings, wheat middlings, calcium carbonate, salt, dried buttermilk.
Park and Pollard Co.	F.	16.94	4.06	58.59	7.74	12.67	5.22	
Boston, Mass.								
Growing Feed	G.	14.00	1.50	50.00	----	----	8.00	Corn, wheat, oats, alfalfa, barley, meat and bone meal, wheat bran, mill run screenings, wheat middlings, calcium carbonate, salt, dried buttermilk.
Park and Pollard Co.	F.	15.26	5.03	60.44	7.44	11.83	5.77	
Boston, Mass.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Lay or Bust Dry Mash Park and Pollard Co. Boston, Mass.	G. F.	18.00 18.50	1.50 5.31	40.00 56.21	---- 8.38	---- 11.60	12.00 6.63	Corn, wheat, oats, barley, kaffir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran, mill run of screenings, wheat middlings, calcium carbonate, salt, dried buttermilk.
Ful-O-Pep Chick Starter Quaker Oats Co. Chicago, Ill.	G. F.	15.00 15.81	5.00 5.72	56.00 59.01	---- 9.88	---- 9.58	6.00 6.14	Oat meal, hominy feed, yellow hominy feed, wheat bran, wheat middlings, bone meal, fish meal, cod liver meal, puffed wheat, alfalfa meal, cod liver oil, 2% calcium carbonate, ½% salt.
Ful-O-Pep Egg Mash Quaker Oats Co. Chicago, Ill.	G. F.	20.00 *19.23*	4.00 5.62	53.00 54.40	---- 11.30	---- 9.45	8.00 7.40	Hominy feed, yellow hominy feed, barley, meal, oat meal, linseed meal, wheat bran, wheat middings, ground screenings not exceeding mill run, bone meal, fish meal, cod liver meal, meat scraps, alfalfa meal, 2% calcium carbonate, ¾% salt.
Ful-O-Pep Growing Mash Quaker Oats Co. Chicago, Ill.	G. F.	19.00 *18.29*	5.00 5.64	53.00 55.83	---- 10.98	---- 9.26	6.00 6.43	Hominy feed, yellow hominy feed, barley meal, wheat bran, wheat middlings, screenings not exceeding mill run, oat meal, fish meal, cod liver meal, bone meal, meat scraps, puffed wheat, alfalfa meal, 2% cacium carbonate, ¾% salt.
Purina Chicken Chowder Ralston Purina Co., Inc. St. Louis, Mo.	G. F.	19.00 20.09	4.00 5.71	55.00 54.73	---- 8.31	---- 11.16	8.00 7.86	Wheat middlings, wheat bran, gluten feed, corn meal, alfalfa leaf flour, linesed meal, meat, charcoal, 1% salt.
Purina Chick Growena Growing Mash Ralston Purina Co., Inc. St. Louis, Mo.	G. F.	18.00 18.74	4.00 6.26	54.00 56.06	---- 8.44	---- 10.50	7.00 6.96	Dried buttermilk, oat middlings, wheat middlings, wheat bran, corn meal, alfalfa leaf flour, linseed meal, meat, cod liver oil, charcoal, ½% salt, bone meal, calcium carbonate.

Virtality Egg Mash	G.	20.00	4.00	48.00	----	----	8.00	Buttermilk, oat meal, meat scraps, bone meal, corn feed meal, wheat middlings, alfalfa meal, corn germ meal.
Rosenbaum Brothers	F.	*19.20*	5.48	52.11	12.24	10.97	4.93	
Chicago, Ill.								
Wirthmore Baby Chick Food	G.	13.50	4.50	60.00	----	----	5.00	Dried buttermilk, oats, bone meal, wheat middlings, corn meal, wheat bran, beef scraps, calcium carbonate, salt.
St. Albans Grain Co.	F.	15.96	*4.12*	58.82	8.84	12.26	3.43	
St. Albans, Vt.								
Wirthmore Buttermilk Mash Feed	G.	20.00	4.00	50.00	----	----	7.00	Dried buttermilk, oats, barley, buckwheat, corn, wheat bran, wheat middlings, corn gluten feed, rolled oats, beef scraps, fish meal, linseed meal, calcium carbonate, dairy salt.
St. Albans Grain Co.	F.	22.05	5.31	52.05	9.98	10.61	6.33	
St. Albans, Vt.								
Wirthmore Growing Feed	G.	15.00	4.50	50.00	----	----	4.50	Dried buttermilk, bone meal, wheat, corn, oats, barley, peas, milo maize, wheat bran, wheat middlings, wheat red dog flour, beef scraps, calcium carbonate, dairy salt.
St. Albans Grain Co.	F.	16.16	5.17	59.34	7.79	11.54	5.96	
St. Albans, Vt.								
Strafford County Mash	G.	17.00	5.00	57.00	----	----	10.00	Bran, middlings, oats, corn meal, gluten, meat scraps, hominy.
Strafford County Grain Mill	F.	19.94	6.88	55.04	7.19	10.95	6.55	
Rochester, N. H.								
Rockingham Dry Mash	G.	20.00	5.00	41.00	----	----	6.00	Gluten feed, red dog flour, oat meal, bran, meat scraps, calcium carbonate, salt.
H. K. Webster Co.	F.	20.12	5.37	55.62	8.50	10.39	5.26	
Lawrence, Mass.								
University Open Formula Laying Mash	G.	18.50	3.50	50.00	----	----	8.00	Wheat flour middlings, oats, corn meal, wheat bran, meat scraps.
H. K. Webster Co.	F.	19.49	5.62	55.12	7.99	11.78	5.27	
Lawrence, Mass.								
York's Poultry Mash	G.	18.00	4.00	50.00	----	----	5.00	Wheat bran, screenings not exceeding mill run, corn meal, gluten meal, beef scraps, red dog middlings, oats, 1% salt.
E. J. York	F.	22.56	5.12	53.60	8.57	10.15	5.24	
Dover, N. H.								
SKIM MILK POWDER								
Pure Dried Skim Milk Powder	G.	35.00	0.75	----	----	----	----	
Eastern Grain Co.	F.	*33.44*	*0.29*	51.41	8.08	6.78	----	
Bridgewater, Mass.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
WHEAT BRAN								
William Tell Bran	G.	15.50	4.00	55.25			9.50	Wheat bran, screenings not exceeding mill run.
Ansted and Burk Co.	F.	*14.41*	*3.70*	62.88	6.73	12.28		
Springfield, O.								
Atkinson's Bran	G.	14.00	4.00				12.00	Screenings not exceeding mill run.
Atkinson Milling Co.	F.	14.76	4.99	62.97	6.06	11.22		
Minneapolis, Minn.								
Wheat Bran	G.	14.50	3.50	58.00			11.00	Not over 8% screenings.
Bowersock Mills and Power Co.	F.	16.94	4.21	61.35	6.34	11.16		
Lawrence, Kansas.								
Wheat Bran and Screenings	G.	14.50	3.50				11.00	Wheat bran, not to exceed 8% wheat screenings.
Consolidated Flour Mills Co.	F.	16.05	4.22	61.14	6.77	11.82		
Hutchinson, Kan.								
Copeland's Dandy Bran	G.	15.00	3.50	51.00			11.50	
Copeland Flour Mills, Ltd.	F.	15.35	5.34	61.91	5.57	11.83		
Midland, Canada								
Wheat Bran	G.	15.00	3.50				11.50	
Dominion Flour Mills, Ltd.	F.	15.13	5.26	62.47	5.53	11.61		
Montreal, Canada								
Duluth Imperial Bran	G.	14.00	3.75	60.00			13.00	Screenings not exceeding mill run.
Duluth Superior Milling Co.	F.	16.24	5.33	61.25	5.04	12.14		
Duluth, Minn.								
Durum Bran	G.	14.00	4.00	60.00			13.00	Screenings not exceeding mill run.
Duluth Superior Milling Co.	F.	16.57	5.83	60.27	1.31	13.02		
Duluth, Minn.								
Sunshine Bran	G.	13.50	3.00	64.50			8.50	Screenings not over mill run.
J. F. Eesley Milling Co.	F.	13.86	3.77	63.94	6.07	12.36		
Plainwell, Mich.								

Wheat Bran	G.	13.50	4.10	62.30			15.60	Screenings not exceeding mill run.
Fairfax Milling Co. Fairfax, Minn.	F.	14.36	5.22	63.82	5.93	10.67		
Dairy Maid Bran	G.	14.00	3.50	57.00			11.00	Screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc. Lockport, N. Y.	F.	14.32	3.95	64.20	6.16	11.37		
Lucky Bran	G.	14.00	4.00	60.00			11.00	Screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc. Lockport, N. Y.	F.	16.20	5.23	59.87	6.77	11.93		
Bran	G.	15.00	3.50				11.50	
Galt Flour Mills, Ltd. Galt, Ont.	F.	16.33	5.57	60.26	5.06	12.78		
Wheat Bran	F.	15.00	3.50				11.50	
James Goldie Co., Ltd. Guelph, Canada	F.	16.21	5.97	60.33	5.18	12.01		
Bran	G.	13.25	2.90				11.60	Screenings not exceeding mill run.
Wm. Hamilton and Son, Inc. Honeoye, N. Y.	F.	13.24	3.92	61.45	5.56	11.83		
Choice Wheat Bran	G.	13.50	3.50	48.50			11.00	Wheat bran, screening not exceeding mill run.
Hecker-Jones-Jewell Milling Co. Buffalo, N. Y.	F.	15.11	4.84	62.27	5.57	12.21		
Heywood Pure Bran	G.	14.00	3.50	55.00			12.00	
Heywood Milling Co. Jackson, Mich.	F.	13.78	3.78	64.82	5.49	12.13		
Black Hawk Bran	G.	15.00	3.20				12.00	
International Milling Co. Minneapolis, Minn.	F.	15.52	4.87	61.56	6.09	11.96		
Big Flake Pure Wheat Bran	G.	15.00	3.50				11.00	
Kansas Flour Mills Corp. Kansas City, Mo.	F.	16.03	4.02	62.05	6.54	11.36		
Bran	G.	14.00	4.00	54.00			8.00	
James H. Knowles and Son Boston, Mass.	F.	14.87	3.86	64.66	4.79	11.82		

Brand and name and address of manufacturer	Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Lakewoods Wheat Bran	G. 15.00	3.50	----	----	----	11.50	
Lake of the Woods Milling Co., Ltd. Montreal, Canada	F. 14.63	5.08	63.22	5.76	11.31	----	
Wasco Bran	G. 14.50	4.00	----	----	----	9.50	Soft winter wheat, screenings not exceeding mill run.
Lyon and Greenleaf Wauseon, O.	F. *13.27*	4.00	63.64	6.20	12.89	----	
Manchester Bran	G. 13.00	4.00	----	----	----	13.00	
McQuesten and Lewis Manchester, N. H.	F. 15.48	*3.42*	62.69	4.59	13.82	----	
Pure Wheat Bran	G. 15.00	4.00	49.00	----	----	11.50	
Maple Leaf Milling Co. Toronto, Canada.	F. 15.00	5.44	62.83	5.11	11.62	----	
Wheat Bran	G. 15.00	3.50	50.00	----	----	11.50	
Maple Leaf Milling Co. Toronto, Canada.	F. *14.26*	5.44	63.09	5.87	11.34	----	
Wheat Bran	G. 15.00	3.00	----	----	----	12.00	Screenings not exceeding mill run.
Montana Flour Mills Co. Harlowton, Mont.	F. 17.36	4.83	60.18	5.32	12.31	----	
Pure Wheat Bran	G. 14.00	3.00	49.00	----	----	10.00	
National Milling Co. Toledo, O.	F. 14.57	4.09	63.05	6.37	11.92	----	
Pure Wheat Bran	G. 13.00	4.00	62.00	----	----	12.00	
Northwestern Consolidated Milling Co. Minneapolis, Minn.	F. 16.00	5.13	58.79	5.96	13.04	----	
Ogilvie's Wheat Bran	G. 15.00	3.50	53.00	----	----	11.50	
Ogilvie Flour Mills Co., Ltd. Montreal, Canada	F. 16.18	5.01	61.84	4.98	11.99	----	

Pillsbury's Wheat Bran	G.	14.00	4.00				12.00	Hard wheat bran, cleaned wheat screenings
Pillsbury Flour Mills Co.	F.	17.28	5.53	59.89	4.96	12.34		not exceeding mill run.
Minneapolis, Minn.								
Bell Cow Bran	G.	15.00	3.50	57.00			10.00	Wheat bran, screenings not exceeding mill run.
Quaker Oats Co.	F.	16.58	5.17	60.32	4.82	13.11		
Peterborough, Canada								
Black-Hawk Pure Bran	G.	15.00	3.50				11.50	
Robin Hood Mills Ltd.	F.	17.47	5.12	60.58	5.19	11.64		
Moose Jaw, Canada								
Superior Pure Wheat Bran	G.	15.00	3.50				11.50	
Robin Hood Mills Ltd.	F.	16.27	4.48	62.45	5.12	11.68		
Moose Jaw, Canada								
Occident Bran	G.	14.00	4.00				11.50	
Russell-Miller Milling Co.	F.	16.60	5.58	60.87	5.41	11.54		
Minneapolis, Minn.								
Bran	G.	15.00	3.50				11.50	
St. Lawrence Flour Mills Co., Ltd.	F.	15.17	5.24	62.66	5.16	11.77		
Montreal, Canada								
Wheat Bran	G.	13.00	4.00	50.00			13.00	Wheat bran, screenings not exceeding mill run.
B. F. Schwartz and Co., Inc.	F.	14.54	3.49	64.60	5.89	11.48		
New York City								
Red Turkey Pure Wheat Bran	G.	14.50	3.50	50.00			11.00	
Southwestern Milling Co., Inc.	F.	16.49	3.82	60.32	6.60	12.77		
Kansas City, Mo.								
Wheat Bran	G.	15.00	3.50				11.50	
Standard Milling Company of Canada, Ltd.	F.	15.70	5.61	60.85	5.00	12.84		
Toronto, Canada								
Bran	G.	11.00	3.00	45.00			10.00	Wheat bran, mill run of screenings.
F. W. Stock and Sons	F.	17.29	3.84	59.71	5.91	13.25		
Hillsdale, Mich.								
Bran	G.	15.00	4.00				12.50	Wheat bran, screenings not exceeding mill run.
David Stott Flour Mills, Inc.	F.	16.09	4.24	60.16	6.15	13.36		
Detroit, Mich.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Fancy Bran	G.	15.00	4.00	64.00	----	----	11.00	
Stratton and Co.	F.	16.11	4.18	62.09	5.54	12.08	----	
Concord, N. H.								
Wheat Bran	G.	14.00	3.50	49.00	----	----	12.00	Wheat bran, screenings.
George Urban Milling Co.	F.	16.55	5.30	59.29	5.27	13.59	----	
Buffalo, N. Y.								
Rowena Wheat Bran	G.	14.50	3.80	54.00	----	----	10.00	Wheat bran, screenings not exceeding mill run.
Valley City Milling Co.	F.	13.82	4.31	64.36	6.09	11.42	----	
Grand Rapids, Mich.								
Victor Bran	G.	15.00	4.00	53.30	----	----	11.00	Spring wheat, screenings not exceeding mill run.
Victor Flour Mills, Inc.	F.	16.70	4.84	60.02	4.92	13.52	----	
Victor, N. Y.								
Voigt's Pure Winter Wheat Bran	G.	14.50	4.00	52.20	----	----	10.00	
Voigt Milling Co.	F.	14.15	4.03	63.87	5.23	12.72	----	
Grand Rapids, Mich.								
Gold Medal Bran	G.	14.00	4.00	----	----	----	12.00	Hard wheat bran, mill run cleaned wheat screenings.
Washburn-Crosby Co.	F.	15.54	4.45	62.40	5.87	11.74	----	
Minneapolis, Minn.								
Bran	G.	15.00	3.00	----	----	----	11.50	
Western Canada Flour Mills Co., Ltd.	F.	15.94	5.47	61.50	5.86	11.23	----	
Winnipeg, Canada								
Pioneer Bran	G.	15.00	3.50	----	----	----	11.50	
Western Canada Flour Mills Co., Ltd.	F.	17.02	4.65	60.71	4.96	12.66	----	
Winnipeg, Canada								

WHEAT MIDDLINGS								
White Middlings	G.	13.50	3.00	...	...	...	5.50	
Ansted and Burk Co. Springfield, O.	F.	13.29	5.06	66.97	3.19	11.49	...	
William Tell Middings	G.	16.25	4.00	61.50	...	...	5.75	Wheat middlings, ground screenings not exceeding mill run.
Ansted and Burk Co. Springfield, O.	F.	15.55	4.19	64.10	4.39	11.77	...	
Bunker's Fancy Middlings	G.	15.50	4.00	55.00	...	...	7.00	Wheat middlings, red dog flour.
Ralph H. Bunker Dover, N. H.	F.	17.03	4.70	62.78	3.63	11.86	...	
Eagle Standard Middlings	G.	15.00	4.00	43.50	...	...	9.50	Wheat middlings, ground wheat screenings not exceeding mill run.
Eagle Roller Mill Co. New Ulm, Mich.	F.	15.92	4.85	62.89	4.68	11.66	...	
Sunlite Middlings	G.	15.00	3.50	65.50	...	...	6.00	Wheat with screenings not exceeding mill run.
J. F. Eesley Milling Co. Plainwell, Mich.	F.	15.06	4.03	64.38	3.59	12.94	...	
Dairy Maid Middlings	G.	15.50	4.50	58.00	...	...	6.00	Screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc. Lockport, N. Y.	F.	14.74	4.38	65.72	3.55	11.61	...	
Lucky Middlings	G.	16.00	4.50	58.00	...	...	7.50	Ground screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc. Lockport, N. Y.	F.	16.29	5.07	63.79	3.65	11.20	...	
Sphinx Fancy Middlings	G.	15.50	4.00	59.00	...	...	6.00	Hard wheat middlings, second clear wheat flour, screenings not exceeding mill run.
Federal Mill and Elevator Co., Inc. Lockport, N. Y.	F.	16.90	4.06	63.33	3.35	12.36	...	
H. Wheat Middlings	G.	15.00	5.00	52.25	...	...	9.50	Mill run ground screenings.
Hecker-Jones-Jewell Milling Co. New York City.	F.	16.40	4.85	63.47	4.44	10.84	...	
Blackhawk Standard Middlings	G.	16.00	4.50	...	...	...	8.50	Ground screenings not exceeding mill run.
International Milling Co. Minneapolis, Minn.	F.	17.01	4.92	62.72	4.61	10.74	...	

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Waseo Middlings	G.	16.00	4.00				6.00	Ground screenings not exceeding mill run.
Lyon and Greenleaf	F.	*14.61*	4.32	65.48	3.69	11.90		
Wauseon, O.								
Manchester Middlings	G.	14.00	4.00				11.00	
McQuestion and Lewis	F.	13.89	*3.07*	67.12	2.53	13.39		
Manchester, N. H.								
Rex Wheat Middlings	G.	17.50	5.50	52.00			7.50	
Maple Leaf Milling Co., Ltd.	F.	17.82	5.42	59.99	4.25	12.52		
Toronto, Canada								
Palmo Midds	G.	16.00	7.00				9.00	Wheat middlings, ground screenings not exceeding mill run, palm oil.
Newsome Feed and Grain Co.	F.	15.85	8.74	58.22	5.32	11.87		
Pittsburg, Pa.								
Flour Middlings	G.	15.00	4.00	56.00			6.00	Wheat flour middlings, ground screenings not exceeding mill run.
Northwestern Consolidated Milling Co.	F.	18.58	5.83	60.91	4.11	10.57		
Minneapolis, Minn.								
Standard Middlings	G.	15.00	4.00				9.50	Wheat middlings, wheat screenings.
Northwestern Consolidated Milling Co.	F.	17.03	5.69	62.20	4.74	10.34		
Minneapolis, Minn.								
Wheat Flour Middlings	G.	16.00	4.00				6.00	Wheat flour middlings, screenings not exceeding mill run.
Park and Pollard Co.	F.	16.26	*3.69*	64.05	3.94	12.06		
Boston, Mass.								
Pillsbury's Standard B Middlings	G.	15.00	4.00				9.50	Screenings not exceeding mill run.
Pillsbury Flour Mills Co.	F.	16.68	5.03	63.01	4.47	10.81		
Minneapolis, Minn.								
Alta Middlings	G.	15.00	4.50				8.50	Mill run of standard middlings, flour middlings.
Russell-Miller Milling Co.	F.	18.32	4.50	60.70	4.32	12.16		
Minneapolis, Minn.								

Wirthmore Flour Middlings	G.	14.00	4.00	50.00	----		8.00	Wheat middlings, red dog flour, less than mill
St. Albans Grain Co.	F.	16.48	4.56	62.93	3.94	12.04		run of screenings.
St. Albans, Vt.								
Dakota Maid Standard Middlings	G.	16.10	5.70				8.10	Wheat middlings, mill run cleaned wheat
State Mill and Elevator Co.	F.	17.23	5.86	61.12	3.99	11.80		screenings.
Grand Fork, N. D.								
Middlings	G.	16.00	4.00	50.00			7.00	
F. W. Stock and Sons	F.	16.88	3.56	64.28	3.19	12.09		
Hillsdale, Mich.								
Pennant Wheat Middlings	G.	16.00	4.00				9.00	Wheat middlings, screenings not exceeding mill
David Stott Flour Mills Inc.	F.	16.23	5.31	63.07	3.96	11.43		run.
Detroit, Mich.								
Rowena Wheat Middlings	G.	15.25	4.20	62.00			5.00	Ground screenings not exceeding mill run.
Valley City Milling Co.	F.	15.18	3.36	66.19	3.17	11.20		
Grand Rapids, Mich.								
Voigt's Winter Wheat Middlings	G.	15.50	4.00	52.20			10.00	Ground screenings not exceeding mill run.
Voigt Milling Co.	F.	15.28	4.66	64.43	3.19	12.14		
Grand Rapids, Mich.								
Gold Medal Standard Middlings	G.	15.00	4.00				9.50	Hard wheat middlings, mill run cleaned
Washburn-Crosby Co.	F.	16.59	4.80	62.56	4.34	11.71		wheat screenings.
Minneapolis, Minn.								
WHEAT MIXED FEED								
Trojan Mixed Feed	G.	15.00	1.00	52.00			8.00	Ground screenings not exceeding mill run.
Allen and Wheeler Co.	F.	16.62	4.76	62.09	4.81	11.69		
Troy, O.								
Mixed Feed	G.	15.50	4.00	60.50			6.50	Wheat mixed feed ground screenings not ex-
Ansted and Burk Co.	F.	15.61	4.02	63.03	5.16	12.18		ceeding mill run.
Springfield, O.								
Capital Mixed Feed	G.	14.00	3.00	60.00			7.00	Wheat bran, second clear flour.
E. W. Bailey and Co.	F.	16.20	4.41	63.81	3.99	11.59		
Swanton, Vt.								

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs						Certified by manufacturer to contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Bunker's Mixed Feed Ralph H. Bunker Dover, N. H.	G.	15.50	4.00	60.00	----	----	8.00	Wheat bran, wheat middlings, wheat feed flour.
	F.	15.92	4.64	62.33	4.52	12.59	----	
Brooks' Fancy Mixed Feed Caledonia Mills Inc. St. Johnsbury, Vt.	G.	15.00	5.00	----	----	----	8.00	Wheat bran, low grade flour.
	F.	16.21	5.00	62.07	4.31	12.41	----	
Mixed Feed J. Cushing Co. Fitchburg, Mass.	G.	14.50	4.00	45.00	----	----	6.00	Screenings not exceeding mill run.
	F.	15.84	4.71	63.09	4.98	11.38	----	
Dairy Maid Mixed Feed Federal Mill and Elevator Co., Inc. Lockport, N. Y.	G.	15.50	4.00	57.00	----	----	8.00	Wheat bran, wheat middlings, screenings not exceeding mill run.
	F.	15.02	4.25	64.56	4.71	11.46	----	
Lucky Mixed Feed Federal Mill and Elevator Co. Lockport, N. Y.	G.	15.00	4.50	56.00	----	----	9.50	Wheat bran, wheat middlings, screenings not exceeding mill run.
	F.	17.19	4.55	61.51	5.18	11.57	----	
Glencoco Wheat Feed Glen Mills Cereal Co. Newburyport, Mass.	G.	13.50	3.50	65.00	----	----	9.00	Mill run screenings.
	F.	12.74	3.03	67.80	2.95	13.48	----	
Granite State Mixed Feed E. C. and W. L. Hopkins Greenfield, N. H.	G.	15.00	4.00	55.00	----	----	8.50	Wheat bran, wheat red dog flour, ground screenings not exceeding mill run.
	F.	16.02	5.20	61.82	4.65	12.31	----	
Gold Mine Feed H. H. King Flour Mills Co. Minneapolis, Minn.	G.	15.00	4.50	62.50	----	----	9.50	Bran, shorts, low grade flour, wheat screenings.
	F.	15.41	5.18	63.10	4.82	11.49	----	
LeGrande Mixed Feed Londonville Milling Co. Londonville, O.	G.	14.00	4.00	----	----	----	7.00	
	F.	15.02	4.58	63.54	4.84	12.02	----	

Waseo Mixed Feed	G.	15.00	4.00	----	----	----	8.00	Soft winter wheat with ground screenings not exceeding mill run.
Lyon and Greenleaf Wauseon, O.	F.	15.00	4.05	62.81	4.96	13.18	----	
Merrimack Heavy Wheat Feed	G.	15.00	4.00	55.00	----	----	9.00	Wheat bran, may contain mill run screenings, wheat middlings.
Merrimack Farmers' Exchange, Inc. Concord, N. H.	F.	16.60	5.07	62.34	4.52	11.47	----	
Osoto Feed	G.	15.00	4.50	49.00	----	----	10.00	Wheat bran, wheat middlings, ground screenings not exceeding mill run.
National Milling Co. Toledo, O.	F.	16.55	4.45	61.70	5.54	11.76	----	
Planet Feed	G.	15.00	4.00	----	----	----	8.00	Wheat bran, red dog wheat flour.
Northwestern Consolidated Milling Co. Minneapolis, Minn.	F.	18.67	5.21	59.26	4.49	12.37	----	
Winter Mixed Feed	G.	15.00	4.00	----	----	----	8.50	Wheat bran, wheat middlings, wheat red dog, ground screenings not exceeding mill run.
Ogdensburg Roller Mills Ogdensburg, N. Y.	F.	15.00	4.40	63.37	5.01	12.22	----	
Pillsbury's Fancy Mixed Feed	G.	15.00	4.00	----	----	----	8.50	Wheat red dog, hard wheat bran, ground cleaned wheat screenings not exceeding mill run.
Pillsbury Flour Mills Co. Minneapolis, Minn.	F.	16.62	4.63	62.73	4.08	11.94	----	
Occident Mixed Feed	G.	15.00	4.50	----	----	----	9.50	Mill run of bran middlings, red dog flour.
Russell-Miller Milling Co. Minneapolis, Minn.	F.	17.80	4.57	60.33	5.09	12.21	----	
Wirthmore Wheat Feed	G.	15.00	4.50	50.00	----	----	8.00	Wheat bran, wheat feed flour, mill run screenings.
St. Albans Grain Co. St. Albans, Vt.	F.	16.68	5.03	61.94	4.59	11.76	----	
Heavy Litchfield Mixed Feed	G.	17.00	4.00	60.00	----	----	8.00	
F. W. Stock and Sons Hillsdale, Mich.	F.	13.62	3.89	66.29	4.37	11.83	----	
Monarch Fancy Wheat Feed	G.	16.00	4.00	50.00	----	----	10.00	Mill run screenings.
F. W. Stock and Sons Hillsdale, Mich.	F.	17.65	4.15	60.19	5.11	12.90	----	
Superior Wheat Feed and Wheat Flour	G.	16.00	4.50	50.00	----	----	7.00	Mill run screenings.
F. W. Stock and Sons Hillsdale, Mich.	F.	16.14	4.33	62.89	4.01	12.63	----	

Brand and name and address of manufacturer		Pounds in 100 lbs. of Feeding-Stuffs					Certified by manufacturer to contain
		Protein	Fat	Carbohydrates	Ash	Moisture	Crude Fiber	
Mixed Feed	G.	15.18	4.11	63.00			7.13	Screenings not exceeding mill run.
Stratton and Co.	F.	15.18	4.11	64.06	4.87	11.78		
Concord, N. H.								
Champion Mixed Feed, Rowena	G.	15.00	4.00	56.00			8.00	Ground screenings not exceeding mill run.
Valley City Milling Co.	F.	15.73	4.08	64.43	4.27	11.49		
Grand Rapids, Mich.								
Victor Mixed Feed	G.	15.00	4.50	53.30			10.00	Spring wheat bran, wheat middlings, low grade flour, ground screenings not exceeding mill run.
Victor Flour Mills, Inc.	F.	16.72	4.64	62.13	4.55	11.96		
Victor, N. Y.								
Voigt's Winter Wheat Mixed Feed	G.	14.50	4.00	52.20			10.00	Ground screenings not exceeding mill run.
Voigt Milling Co.	F.	14.13	4.00	65.06	4.17	12.64		
Grand Rapids, Mich.								
Gold Medal Mixed Feed	G.	16.00	4.00				7.50	Wheat bran, flour middlings, mill run cleaned wheat screenings.
Washburn-Crosby Co.	F.	16.01	3.89	64.20	4.21	11.69		
Minneapolis, Minn.								
WHEAT RED DOG FLOUR								
Atkinson's Watchword Red Dog Flour	G.	16.00	4.00	60.00			4.00	
Atkinson Milling Co.	F.	16.74	3.56	64.62	3.19	11.89		
Minneapolis, Minn.								
XXX Comet	G.	16.00	4.00	58.00			4.00	Red dog wheat flour.
Northwestern Consolidated Milling Co.	F.	17.58	4.77	63.16	2.71	11.78		
Minneapolis, Minn.								
XX Daisy	G.	16.00	4.00				4.00	Red dog flour.
Pillsbury Flour Mills Co.	F.	17.12	4.38	64.11	2.86	11.53		
Minneapolis, Minn.								

Gold Medal Adrian Red Dog	G.	16.00	3.50				4.00
Washburn-Crosby Co.	F.	17.78	4.86	63.94	2.69	10.73	
Minneapolis, Minn.							
WHEAT SHORTS							
Shorts	G.	16.00	5.00				8.00
S. J. Cherry and Sons	F.	17.26	5.81	60.14	4.17	12.62	
Preston, Canada							
Copeland's Dandy Shorts	G.	16.00	5.00	54.00			8.00
Copeland Flour Mills, Ltd.	F.	17.82	5.57	60.83	3.68	12.10	
Midland, Canada							
Shorts	G.	16.00	5.00				8.00
Dominion Flour Mills Ltd.	F.	17.30	6.08	60.98	4.32	11.32	
Montreal, Canada							
Rainbow Shorts	G.	16.00	5.00				8.00
Galt Flour Mills Ltd.	F.	18.69	6.14	58.47	4.25	12.45	
Galt, Canada							
Superior Wheat Shorts	G.	17.00	5.00				8.00
Robin Hood Mills Ltd.	F.	18.26	5.75	60.79	4.00	11.20	
Moose Jaw, Canada							